

gale soon after leaving her port. By awaiting the arrival of a storm and promptly putting to sea with its closing winds, a good offing and rapid progress will be secured by the voyager.

In the Second Annual Report of the Board of Regents of the Smithsonian Institution (Senate Mis. No. 23, Thirtieth Congress, first session, Jan. 6, 1848), showing the operations of that institution for the year 1847, the secretary, Prof. Joseph Henry, indorses, under date of December 8, 1847 (p. 190), and (pp. 193-208) publishes letters from Professor Loomis, of New York University, and Professor Espy, of Washington, explaining in the words of Professor Loomis, that—

When the magnetic telegraph is extended from New York to New Orleans and St. Louis it may be made subservient to the protection of our commerce, even in the present imperfect state of our knowledge of storms. * * * Let a meteorological department of the institution be organized under the direction of its secretary with a suitable assistant. * * * Let it be the duty of the meteorologist to take charge of the observations, to discuss and analyze them, and endeavor to deduce from them the laws of storms. Let these investigations be published with as much detail as may be thought to be demanded by the claims of science, etc.

Similar ideas were advocated in the letter from Espy, who, however, gave more prominence to the study of the physics of the atmosphere. This idea of predicting the motions of storms had, in fact, been uppermost in the lectures of Loomis at Western Reserve College, Ohio, and Espy at Philadelphia, for years before. The above sentence from Redfield's memoir laid stress on the prediction for the benefit of commerce. Some enterprising practical men seemed, however, not willing to wait for the action of the Federal Government or of the scientists who were advising Professor Henry. The latter contemplated establishing new meteorological stations and the study of the weather maps that might be compiled from their records as preliminary to predictions. But the young men of New York were in haste to realize the benefits of storm warnings before the scientists had become acquainted thoroughly with the laws of their movements. The Smithsonian scheme for new studies went into operation in November, 1848, by the issue of a circular to observers. The subsequent steady development of its system of telegraphic reports culminated in the daily map that began, I think, in 1855; but before this a very remarkable enterprise was undertaken by a news agency in New York City, which is best described in the terms of the advertisement published in Silliman's American

Journal of Science (2), Vol. V, No. 14, for March, 1848, as follows:

NEW YORK, January 24, 1848.

To Colleges, Universities, and other Public Institutions:

The undersigned beg leave to state that they have made extensive arrangements for *telegraphic reporting*, and have correspondents located in all the principal cities and towns of the United States, and they are in the habit of transmitting daily all news of interest.

They, therefore, respectfully propose to supply public institutions with daily *meteorological* reports from all the principal towns of the country, giving the state of the thermometer and barometer at any specified time or hours of the day, which would not fail in extending the utility of meteorological observations and greatly aid in illustrating the peculiarities of the climate of the United States.

Each institution disposed to encourage the enterprise will be served with daily copies on the most reasonable terms. Should a sufficient number come into the arrangement to justify the expense, the reports can probably be supplied at about from 12 $\frac{1}{2}$ to 25 cents per day, from each city.

The patronage of your institution is respectfully solicited.

We have the honor to be, your very obedient servants,

JONES & CO.

References.—They respectfully refer to the editors of the Journal of Commerce and Courier and Enquirer and to Prof. S. F. B. Morse.

J. & CO.

38 William street, Merchants' Exchange.

In commenting on the above advertisement, the editors of the American Journal of Science and Arts remark as follows (2), Vol. V, p. 297:

Telegraphic reports of meteorological phenomena.—Messrs. Jones & Co., Merchants Exchange, New York, have made arrangements to give daily and hourly reports of meteorological phenomena, by telegraphic messages from all parts of the country which are in telegraphic communication with New York. This novel and important enterprise will furnish more extensive means of synchronous comparison of the state of the barometer, direction of the wind, and, generally, of all meteorological phenomena than were ever before possessed by the scientific world. It is hoped the colleges, scientific institutions, and individuals favorably situated will combine their efforts to give efficiency to this scheme, which, if properly encouraged by proper hands, can not fail of interesting results.

We refer to the advertisement of Messrs. Jones on our advertising sheet.

The Editor of the WEATHER REVIEW would be glad to hear from the older observers of the service or anyone who knows anything more about the work done by these enterprising journalists of 1848. He would appreciate an examination of any old newspapers or other periodicals containing notes of interest to the historian of meteorology in this country.

METEOROLOGICAL TABLES.

By A. J. HENRY, Chief of Division of Records and Meteorological Data.

Table I gives, for about 130 Weather Bureau stations making two observations daily and for about 20 others making only the 8 p. m. observation, the data ordinarily needed for climatological studies, viz, the monthly mean pressure, the monthly means and extremes of temperature, the average conditions as to moisture, cloudiness, movement of the wind, and the departures from normals in the case of pressure, temperature, and precipitation.

Table II gives, for about 2,400 stations occupied by voluntary observers, the extreme maximum and minimum temperatures, the mean temperature deduced from the average of all the daily maxima and minima, or other readings, as indicated by the numeral following the name of the station; the total monthly precipitation, and the total depth in inches of any snow that may have fallen. When the spaces in the snow column are left blank it indicates that no snow has fallen, but when it is possible that there may have been snow of which no record has been made, that fact is indicated by leaders, thus (. . .).

Table III gives, for about 30 Canadian stations, the mean

pressure, mean temperature, total precipitation, prevailing wind, and the respective departures from normal values. Reports from Newfoundland and Bermuda are included in this table for convenience of tabulation.

Table IV gives, for 82 stations, the mean hourly temperatures deduced from thermographs of the well-known pattern manufactured by Richard Bros., Paris, described and figured in the Report of the Chief of the Weather Bureau, 1891-'92, p. 29.

Table V gives, for 67 stations, the mean hourly pressures as automatically registered by barographs of the pattern manufactured by Richard Bros., Paris, except for Washington, D. C., where Foreman's barograph is in use. Both instruments are described in the Report of the Chief of the Weather Bureau, 1891-'92, pp. 26 and 30.

Table VI gives, for 136 stations, the arithmetical means of the hourly movements of the wind ending with the respective hours, as registered automatically by the Robinson anemometer, in conjunction with an electrical recording mechanism, described and illustrated in the Report of the Chief of the Weather Bureau, 1891-'92, p. 19.

Table VII gives the danger points, the highest, lowest, and mean stages of water in the rivers at cities and towns on the principal rivers; also the distance of the station from the river mouth along the river channel.

Table VIII gives the maximum, minimum, and mean readings of the wet-bulb thermometer for 135 stations, as determined by observations of the whirled psychrometer at 8 a. m. and 8 p. m., daily.

The difference between mean local time and seventy-fifth meridian time is also given in the table.

Table IX gives, for 133 stations, or all that make observations at 8 a. m. and 8 p. m., the four component directions and the resultant directions based on these two observations only and without considering the velocity of the wind. The total movement for the whole month, as read from the dial of the Robinson anemometer, is given for each station in Table I. By adding the four components for the stations comprised in any geographical division one may obtain the average resultant direction for that division.

Table X gives the total number of stations in each State from which meteorological reports of any kind have been re-

ceived, and the number of such stations reporting thunderstorms (T) and auroras (A) on each day of the current month.

Table XI gives, for 42 stations, the percentages of hourly sunshine as derived from the automatic records made by two essentially different types of instruments, designated, respectively, the thermometric recorder and the photographic recorder. The kind of instrument used at each station is indicated in the table by the letter T or P in the column following the name of the station.

Table XII gives the records of hourly precipitation as reported by stations equipped with automatic gauges, of which 37 are known as float gauges and 7 as weighing rain and snow gauges.

Table XIII gives the record of excessive precipitation at all stations from which reports are received.

Table XIV gives a record of the heaviest rainfalls for periods of five and ten minutes and one hour, as reported by regular stations of the Weather Bureau furnished with self-registering rain gauges.

Additional information concerning the tables will be found in the January, 1895, REVIEW.

TABLE I.—Climatological data for Weather Bureau Stations, June, 1895.

Stations.	Elevation above sea-level, feet.	Length of record, years.	Pressure in inches.	Temperature of the air, in degrees Fahrenheit.				Humidity and precipitation.				Wind.				Monthly temperature data since opening station.											
				Mean max. and min. + 2.	Departure from normal.	Mean maximum.	Mean minimum.	Mean minimum.	Greatest daily range.	Precipitation, in inches.	Days with 0.1 or more.	Total movement, miles.	Prevailing direction.	Miles per hour.	Maximum velocity.	Cloudy days.	Average cloudiness tenths.	Absolute maximum.	Absolute minimum.								
				Mean pressure, 8 a.m. and 8 p.m. + 2.	Mean reduced.	Departure from normal.	Date.	Mean maximum.	Mean minimum.	Mean minimum.	Mean maximum.	Departure from normal.	Days with 0.1 or more.	Direction.	Date.	Clear days.	Partly cloudy days.	Year.	Year.								
<i>New England.</i>																											
Eastport	76	23	29.99	30.06	+ .15	64.5	+ 1.5	41	21.11	1.0	5,549	s.	30	s.	5	4	14	12	6.6	58	1888	30	1875				
Portland, Me.	103	24	29.95	30.05	+ .11	63.6	+ 1.3	48	1.46	1.5	9	4,731	s.	32	n.w.	2	8	6	16	6.7	96	1888	42	*			
Northfield	873	23	29.15	30.06	+ .13	66.2	+ 5.1	50	1.97	1.5	11	5,053	s.	36	n.	9	5.4	22	18	9	52	1892	30	*			
Boston	129	23	29.95	30.06	+ .12	66.8	+ 0.9	56	2.11	1.9	9	6,309	s.	30	s.w.	3	13	6	11	5.8	96	1874	44	*			
Nantucket	14	9	30.08	30.09	+ .09	62.4	+ 1.8	49	1.73	1.6	9	6,324	w.	34	e.	8	8	11	11	6.0	88	1865	43	*			
Woods Holl.	18	9	30.08	30.09	+ .09	68.3	+ 0.8	55	1.99	1.8	24	5,989	s.	38	n.	15	12	10	8	4.9	55	1883	43	*			
Vineyard Haven	9	9	30.06	30.09	+ .10	67.0	+ 0.9	51	2.04	1.8	8	6,989	s.	38	n.e.	9	5	17	8	5.9	98	1893	46	*			
Block Island	27	15	30.06	30.09	+ .10	62.3	+ 0.7	57	1.80	1.9	9	8,063	s.	38	n.e.	9	5	17	8	5.9	98	1893	46	*			
Narragansett Pier	14	9	30.06	30.07	+ .08	66.0	+ 1.4	51	2.16	1.8	8	8,063	s.	38	n.e.	17	0	13	9	4.2	96	1893	46	1891			
New Haven	107	23	29.96	30.07	+ .08	68.4	+ 3.1	55	1.84	1.8	27	4,638	s.e.	27	n.	8	14	7	11	5.6	96	1893	41	1891			
New London	45	25	30.06	30.11	+ .12	65.3	+ 0.5	53	2.16	1.2	9	4,613	s.	24	n.w.	8	10	8	12	5.6	95	1893	43	*			
<i>Mid. Atlan. States.</i>																											
Albany	88	23	29.98	30.06	+ .11	72.6	+ 4.8	94	1	88	1.73	5,014	s.	27	s.e.	5	15	7	8	4.4	96	*	40	1878			
New York	314	25	29.75	30.08	+ .09	70.0	+ 1.7	95	1.77	5.5	9	7,005	s.e.	40	n.w.	1	8	15	7	5.8	98	*	47	*			
Harrisburg	377	23	29.68	30.07	+ .08	73.4	+ 2.9	97	1.83	6.0	10	4,290	s.e.	24	s.e.	24	13	11	6	4.2	97	1865	43	1891			
Philadelphia	117	25	29.96	30.08	+ .08	71.1	+ 3.3	97	1.83	6.0	10	6,029	s.e.	24	s.e.	24	10	10	10	5.5	98	1893	47	1894			
New Brunswick	9	25	29.88	30.07	+ .07	74.2	+ 1.7	98	1.82	6.0	10	4,561	s.e.	36	n.w.	5	18	11	6	4.2	98	*	47	*			
Baltimore	179	25	29.88	30.07	+ .07	74.6	+ 3.1	98	1.83	6.0	10	3,918	s.e.	38	n.w.	5	16	9	5	8.8	102	1874	45	1891			
Washington	112	25	29.96	30.07	+ .06	74.6	+ 3.1	98	1.83	6.0	10	4,561	s.e.	36	n.w.	5	11	16	3	4.6	98	1897	45	1893			
Cape Henry	78	23	29.94	30.07	+ .05	73.9	+ 1.4	99	1.81	6.0	10	4,561	s.e.	38	n.w.	5	21	8	1	2.6	102	1874	49	1894			
Lynchburg	686	25	29.36	30.07	+ .05	75.3	+ 0.1	97	1.82	6.0	10	4,525	s.e.	27	n.w.	5	21	8	1	2.6	102	1874	49	1894			
Norfolk	57	25	30.00	30.06	+ .04	76.2	+ 2.7	99	1.82	6.0	10	4,525	s.e.	27	n.w.	5	21	8	1	2.6	102	1874	49	1894			
<i>S. Atlantic States.</i>																											
Charlotte	773	17	29.27	30.06	+ .08	74.3	+ 0.4	100	3	87	1.81	5,014	s.	27	s.e.	5	15	7	8	4.4	96	*	40	1878			
Hatteras	115	20	30.06	30.07	+ .08	73.1	+ 0.8	91	3	73	1.81	5,014	s.	30	s.w.	15	14	13	3	3.8	102	1897	46	1889			
Kittyhawk	9	21	30.02	30.05	+ .02	73.1	+ 0.5	94	3	73	1.81	5,014	s.	45	s.w.	9	10	16	4	4.7	91	*	56	1884			
Raleigh	388	9	29.36	30.07	+ .03	76.6	+ 1.8	100	3	87	1.81	5,014	s.	32	s.w.	12	11	10	5	8.8	99	1890	52	*			
Wilmington	76	23	29.99	30.07	+ .04	77.4	+ 1.7	99	1	82	1.81	5,014	s.	38	n.	23	11	11	5	10.1	102	1897	46	1894			
Charleston	52	25	30.00	30.10	+ .06	78.9	+ 0.5	102	3	87	1.81	5,014	s.	36	s.w.	22	16	5	9	8.0	100	*	52	1878			
Columbia	9	25	30.05	30.10	+ .06	78.9	+ 0.5	102	3	87	1.81	5,014	s.	36	s.w.	17	15	5	8	4.4	100	*	51	1889			
Augusta	180	23	29.88	30.07	+ .04	78.7	+ 0.8	100	3	87	1.81	5,014	s.	36	s.w.	29	15	18	5	4.6	100	1897	46	1886			
Savannah	26	25	29.98	30.08	+ .04	79.4	+ 0.6	98	3	87	1.81	5,014	s.	35	s.	24	14	19	4	3.8	100	*	50	1889			
Jacksonville	49	24	30.04	30.09	+ .05	80.2	+ 0.3	96	3	87	1.81	5,014	s.	50	s.e.	5	14	11	5	4.6	100	*	54	1890			
<i>Florida Peninsula.</i>																											
Jupiter	28	8	30.06	30.08	+ .03	79.4	+ 0.4	89	26	86	66	10	4,549	s.	29	n.e.	8	4	20	6	5.3	95	1890	64	1890		
Key West	22	25	30.07	30.09	+ .05	81.7	+ 1.1	90	26	86	66	10	4,549	s.	36	s.e.	27	18	12	5	4.6	100	1896	69	*		
Tampa	36	6	30.06	30.10	+ .03	80.0	+ 0.2	94	26	86	66	10	4,549	s.	21	s.e.	5	7	18	5	5.0	...	69	*	1899		
Titusville	44	9	30.06	30.10	+ .03	79.4	+ 0.8	95	24	87	61	10	4,549	s.	44	s.e.	26	17	13	0	3.5	95	*	60	1899		
<i>East Gulf States.</i>																											
Atlanta	1,131	17	28.91	30.07	+ .02	76.8	+ 1.1	86	11	82	66	18	5,319	n.w.	40	n.w.	13	14	11	5	4.4	100	1897	39	1893		
Pensacola	56	16	30.01	30.07	+ .02	78.8	+ 0.7	91	11	82	66	18	5,319	s.	70	s.w.	30	5	14	11	5.8	100	1894	55	1893		
Mobile	57	25	30.02	30.08	+ .06	79.0	+ 0.2	95	6	82	67	17	5,319	s.	69	s.w.	20	0	18	17	7.5	101	1894	50	1893		
Montgomery	221	23	29.84	30.07	+ .04	79.8	+ 0.9	97	6	82	65	25	5,319	s.	39	s.w.	25	3	18	9	6.3	100	1891	48	1893		
Meridian	359	6	29.68	30.06	+ .03	77.5	+ 0.9	97	6	82	65	25	5,319	s.	58	s.w.	26	3	16	12	7.1	98	1891	46	1894		
Vicksburg	254	21	29.77	30.03	+ .01	80.0	+ 0.8	96	27	82	63	21	5,319	s.	71	s.w.	21	6	13	6	4.4	101	1891	52	1893		
New Orleans	54	35	30.01	30.07	+ .07	80.4	+ 0.8	98	27	82	63	21	5,319	s.	30	n.s.	17	8	16	6	5.0	97	*	54	1890		
Port Eads	9	25	30.00	30.00	+ .07	80.6	+ 0.7	96	27	82	63	21	5,319	s.	45	s.e.	26	3	18	9	6.4	103	1893	53	1877		
<i>West Gulf States.</i>																											
Shreveport	249	24	29.76	30.02	+ .03	78.6	+ 2.2	94	3	86	63	16	5,319	s.	57	s.w.	42	n.e.	26	7	5	18	6.9	104	1875	55	1889
Fort Smith	481	14	29.51	30.02	+ .07	75.2	+ 1.2	95	3	86	54	16	5,319	s.	64	s.w.	34	s.e.	24	12	3	12	5.6	102	1894	51	*
Little Rock	303	16	29.71	30.03	+ .05	77.2	+ 0.3	94	3	86	54	16	5,319	s.	23	s.w.	35	s.e.	17	9	8	14	5.6	100	1894	48	1893
Corpus Christi	20	9	29.98	30.00	+ .02	80.4	+ 0.3	94	3	86	54	16	5,319	s.	38	s.w.	34	s.e.	17	3	21	6	5.9	95	1887	44	1894
Galveston	42	25	30.01	30.05	+ .06	80.9	+ 0.8	98	27	82	54	16	5,319	s.	36	s.w.	27	s.e.	17	3	16	5	4.4	100	1891	42	1893
Palestine	510	14	29.50	30.04	+ .05	78.2	+ 0.																				

TABLE I.—Climatological data for Weather Bureau Stations, June, 1895—Continued.

Stations.	Elevation above sea-level, feet.	Length of record, years.	Pressure, in inches.	Temperature of the air, in degrees Fahrenheit.				Humidity and precipitation.				Wind.				Cloudy days.	Average cloudiness, tenths.	Monthly temperature data since opening station.																
				Mean pressure, 8 a.m. and p.m. + 2.	Mean reduced.	Departure from normal.	Mean max. and min., + 2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Mean minimum.	Greatest daily range.	Mean temperature of the dewpoint.	Mean relative humidity, per cent.	Precipitation, in inches.	Departure from normal.	Days with 01, or more.	Total movement, miles.	Prevailing direction.	Miles per hour.	Maximum velocity.	Clear days.	Party cloudy days.	Absolute maximum.	Absolute minimum.	Year.						
<i>Up. Miss. Val.—Con.</i>																																		
Dubuque	22	29.37	30.01 + .07	73.7 + 4.1	93	9	85	50	*	60	60	39	39	1.05	4.0	6	s.	...	16	3	11	...	96	1874	40	1877								
Keokuk	613	24	29.37	30.01 + .07	73.3 + 2.5	93	3	84	53	5	63	59	39	3.61	-2.4	8	4.072	s.	38	sw.	3	12	11	7	4.3	98	1890	43	1889 *					
Cairo	359	24	29.65	30.02 + .05	73.3 + 2.5	93	3	86	55	5	64	60	39	3.86	-0.4	10	4.222	s.	30	nw.	12	6	18	6	5.9	96	1891	46	*					
Springfield, Ill.	644	16	29.36	30.03 + .06	74.6 + 3.8	93	3	85	55	5	64	68	39	3.49	-1.9	6	5.821	s.	30	...	3	7	14	9	5.7	97	1891	40	1894					
Hannibal	594	24	29.46	30.01 + .04	73.6 + 2.8	93	3	86	52	6	64	69	39	3.92	-1.8	5	5.686	nw.	44	w.	3	16	10	4	3.7	97	1891	44	1894					
St. Louis	571	25	29.46	30.05 + .09	77.1 + 2.8	96	3	86	60	5	65	74	39	2.46	-2.6	12	6.308	s.	48	w.	25	11	8	11	5.1	90	*	44	1894					
<i>Missouri Valley.</i>																																		
Columbia	6	29.30	30.05 + .08	73.4 + 2.5	92	3	85	52	6	62	64	34	34	5.78	+ 1.5	14	4.012	s.	34	w.	35	8	12	10	5.8	100	1890	43	1894					
Kansas City	963	7	29.03	30.02 + .08	73.0 + 2.5	92	3	82	51	4	64	66	36	3.87	-1.7	11	5.979	ne.	34	nw.	12	6	18	8	5.3	98	1888	46	1888					
Springfield, Mo.	1,824	10	28.65	30.02 + .06	72.6 + 2.5	92	3	83	56	4	63	65	36	3.73	-2.9	10	4.206	s.	45	nw.	25	4	14	5	100	1887	36	1888						
Topeka	9	28.84	30.01 + .08	73.8 + 2.6	92	3	80	51	4	63	65	36	3.81	-1.6	13	5.824	s.	27	se.	14	14	12	5.9	98	1891	42	1877							
Omaha	1,123	25	28.84	30.01 + .08	70.4 + 2.9	92	3	80	48	4	61	68	36	4.81	-1.6	13	5.741	s.	42	se.	15	9	15	5	5.2	100	1894	41	1894					
Sioux City	1,165	6	28.70	29.97 + .10	68.2 + 2.6	91	3	74	46	29	55	58	36	6.09	+ 2.5	16	6.921	nw.	52	se.	15	7	18	5	5.6	111	1874	36	1885					
Pierre §	1,470	21	28.42	29.94 + .08	65.8 + 2.5	91	3	74	40	3	54	55	36	2.57	-1.1	11	6.937	s.	55	se.	15	7	17	6	5.6	98	1894	1	1894					
Huron	1,310	14	28.58	29.95 + .05	64.6 + 1.7	90	3	74	40	3	56	57	36	3.45	-0.9	12	6.921	s.	55	se.	15	7	17	6	5.6	98	1894	1	1894					
<i>Northern Slope.</i>																																		
Havre	2,477	13	27.38	29.94 + .08	58.3 + 4.1	94	24	80	36	27	71	36	9	46	44	32	42	59	3.86	+ 1.4	12	6.072	sw.	37	nw.	17	4	20	6	5.2	101	1888	31	1888
Miles City	2,374	18	27.49	29.98 + .08	60.6 + 4.1	90	24	80	35	2	71	35	9	49	46	35	47	61	4.40	+ 1.4	15	4,535	w.	35	s.	5	15	9	6	4.5	104	1881	38	*
Helena	4,104	16	25.90	29.06 + .15	56.6 + 4.2	89	24	82	35	2	71	35	9	49	46	35	47	60	1.30	+ 0.9	11	6,246	w.	42	n.	24	14	16	6	4.6	95	1880	31	1880
Rapid City	8,260	11	26.64	29.05 + .07	60.5 + 3.8	87	23	83	30	3	50	57	35	45	47	32	62	6.28	+ 2.8	12	6,708	sw.	44	nw.	21	8	12	10	5.9	103	1883	35	1883	
Cheyenne	6,105	25	24.09	29.97 + .11	56.8 + 4.5	85	23	83	30	3	50	57	35	45	47	32	60	2.59	+ 2.2	10	7,644	nw.	44	s.	28	8	17	5	5.2	97	1881	35	1876	
Lander †	5,377	13	24.70	29.99 + .13	56.3 + 3.5	87	23	83	30	3	52	54	35	45	47	32	60	1.90	+ 0.8	9	9,566	sw.	30	n.	11	15	10	5	4.1	101	1883	46	*	
North Platte	2,826	21	27.11	29.09 + .10	65.3 + 3.8	90	24	86	35	3	54	59	36	56	74	32	62	4.35	+ 1.2	12	7,556	se.	37	nw.	17	8	16	6	5.3	101	1876	33	1876	
<i>Middle Slope.</i>																																		
Denver	5,287	24	24.82	30.00 + .16	61.8 + 4.5	90	15	74	40	3	59	60	37	39	51	2.65	-1.3	12	5,278	s.	34	ne.	16	9	15	6	5.0	90	1873	36	1892			
Pueblo	4,734	7	25.31	29.90 + .07	66.2 + 4.6	94	16	80	40	4	52	52	36	37	6.84	-0.7	11	5,356	nw.	36	n.	10	11	11	8	5.0	103	1888	38	1892				
Concordia	1,410	11	28.58	29.98 + .07	72.2 + 4.1	90	24	84	45	4	51	52	37	38	6.87	-0.7	7	5,341	s.	30	s.	6	9	15	6	5.1	101	1882	43	1892				
Dodge City	2,504	21	27.42	29.96 + .10	70.0 + 2.6	93	24	82	47	4	58	56	36	38	5.82	+ 2.1	13	8,804	se.	43	s.	1	12	18	5	4.8	106	1883	41	1876				
Wichita	1,351	7	28.58	29.97 + .09	74.5 + 1.0	101	24	85	53	4	64	65	36	44	4.47	-0.4	9	5,666	sw.	30	nw.	11	15	10	5	4.1	101	1881	46	*				
Oklahoma	1,239	20	28.73	30.00 + .07	76.8 + 1.6	98	24	86	58	4	67	68	36	66	8.11	-0.7	11	6,553	se.	30	se.	2	21	6	3	3.0	...	...	...		
<i>Southern Slope.</i>																																		
Abilene	1,749	10	28.21	29.99 + .07	77.0 + 1.1	98	16	89	54	5	63	67	37	61	65	8.40	+ 5.7	12	6,866	s.	52	ne.	25	6	14	10	5.6	109	1886	48	1892			
Amarillo	3,691	26	31	29.98 + .07	69.1 + 2.5	94	16	80	47	3	58	58	31	54	3.77	-0.2	17	12,445	s.	72	s.	2	8	10	12	5.9	9				
<i>Southern Plateau.</i>																																		
El Paso	3,767	18	26.18	29.98 + .06	77.5 + 4.4	98	25	91	52	20	64	65	35	40	3.21	-0.3	7	7,977	nw.	51	ne.	19	16	12	3	9.2	113	1888	50	*				
Santa Fe	6,998	22	23.36	29.95 + .06	63.8 + 2.5	90	31	88	53	2	63	65	35	35	0.99	-0.0	7	5,199	sw.	38	s.	1	13	16	1	4.9	92	1881	33	1892				
Tucson	2,390	11	27.43	29.82 + .04	80.4 + 1.9	106	33	88	46	2	63	65	30	36	1.9	-0.3	0	3,980	se.	29	sw.	1	2	36	2	2	2.7	111	1881	39	1892			
Yuma	141	20	26.64	29.78 + .00	84.7 + 0.1	100	33	88	52	1	67	63	34	36	0.0	-0.3	0	3,712	sw.	24	se.	13	7	14	0	0	7.116	*	52	*				
Independence	3,950	26	29.00	29.99 + .07	71.6 + 1.6	90	23	72	36	1	51	54	33	22	1.06	-1.5	10	6,638	nw.	34	n.	7	23	5	3	1.8	...	...	...		
<i>Middle Plateau.</i>																																		
Baker City	8,420	6	26.51	29.99 + .09	57.6 + 1.1	88	*	72	26	15	43	46	38	58	0.10	-1.4	2	4,100	nw.	22	n.	7	13	12	5	3.8	99	1892	37</td					

TABLE II.—*Meteorological record of voluntary and other cooperating observers, June, 1895.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Alabama.</i>	°	°	°	In.	In.		<i>Arizona—Cont'd.</i>	°	°	°	In.	In.		<i>California—Cont'd.</i>	°	°	°	In.	In.	
Alco.	95	64	78.2				Willcox* ⁸ .	103	66	81.2	0.00			Fremontville* ¹	96	52	64.6	0.00		
Ashville†.	100	58	81.4	3.93			Arkadelphia†.				7.44			Georgetown†.	95	40	69.6	0.00		
Bermuda†.	94	62	77.2	9.96			Arkansas City†.				5.25			Glendora.						
Birmingham†.	90*	70*	82.2*	2.99			Bee Branch†.	94	54	75.6	4.47			Goshen* ⁸ .	104	65	80.8	0.00		
Brenton†.	98	63	78.9	4.00			Blanchard Springs†.	95	54	77.0	7.24			Grass Valley.	95	29	60.0	0.00		
Carrollton*†.	89	62	75.6	1.69			Brinkley†.	96	56	78.8	8.83			Greenville†.	96	40	61.4	0.00		
Citronelle†.	92	70	78.5	12.73			Camden a†.				5.15			Hedgesburg* ¹						
Clanton†.	94	60	77.6	2.26			Camden b†.	95	56	78.1	5.08			Hendersons Ranch.						
Coll Irene*†.	90	70	80.6	4.55			Conway* ¹ .	90	64	75.6	4.86			Hollister.	98	88	63.5	0.00		
Cordova†.				4.01			Corning†.	99	49	76.6	6.61			Hueneme.						
Daphne†.	97	61	78.8	9.33			Dallas†.	94	53	76.3	5.76			Humboldt L. H.						
Decatur†.	96	53	75.6	1.78			Dardanelle†.							Hydesville†.	80	38	56.2	0.00		
Demopolis†.				5.87			Eilon†.	94	57	77.5	9.76			Indio* ⁸ .	113	68	59.8	T.		
Elba†.				5.41			Fayetteville†.	94	51	73.9	2.65			Iowa Hill* ¹ .	99	52	73.3	0.00		
Eufaula†.	98	62	81.0	4.18			Forrest†.	96	57	77.8	4.27			Jackson.	99	42	69.5	0.00		
Evergreen†.	95	63	78.6	7.44			Fulton†.							Jolon.						
Florence a†.				3.17			Gaines Landing†.							Julian†.	102	35	66.4	T.		
Florence b†.	94	56	76.5	3.96			Helena a†.							Keeler* ⁸ .	104	59	79.5	T.		
Fort Deposit†.	97	66	78.6	9.90			Helena b†.	100	58	79.8	4.31			Keeme* ⁸ .	100	50	72.8	0.00		
Gadsden†.	96	56	76.8	4.52			Hot Springs a.	95	61	78.4	5.30			Kennedy Gold Mine.	103	44	72.3	0.00		
Greensboro†.	96	63	77.4	4.83			Hot Springs b.							Kernville.						
Healing Springs†.	92	56	74.7	7.82			Hot Springs (near).							King City* ⁸ .	105	45	66.1	0.00		
Highland Home†.	94	66	77.8	9.09			Keeses Ferry†.	98	47	74.9	7.98			Kingsburg* ⁸ .	105	60	88.7	0.00		
Jasper†.	95	52	75.7	7.47			Kirby†.							Kono Tayee.	97	44	71.4	0.00		
Livingston†.	98	60	79.0	5.84			La Crosse†.	93	55	75.8	8.01			Lagrange* ⁸ .	110	37	78.2	0.00		
Lock No. 4.				3.10			Lonoke* ¹ .	98	61	80.3	5.25			La Porte*† ¹ .	85	38	59.1	0.00		
Madison Station†.	96	56	77.2	5.16			Luna Landing* ⁸ .	89	61	78.1	6.26			Lemoore* ⁸ .	108	54	80.3	0.00		
Maple Grove†.	98	54	77.8	4.86			Madding* ⁸ .	98	54	77.9	6.66			Lick Observatory†.	90	35	65.2	0.00		
Marion†.	98	62	79.8	3.47			Malvern†.	98	54	77.9	18.06			Lime Kiln.	110	43	78.8	0.00		
Mount Willing†.	95	62	78.4	10.90			Mossville†.	95	54	78.1	5.66			Lime Point L. H.						
Newbern†.	98	64	78.4	4.74			Mount Ida†.	97	58	77.3	5.50			Lodi.	103	47	71.6	0.00		
Newburg†.	96	52	75.4	4.20			Mount Neb†.							Los Alamos†.						
Newton†.	96	65	79.4	7.97			New Gasconsy* ¹ .	93	64	78.9	10.79			Los Gatos ^b .	93	45	65.9	0.00		
Opelika†.	98	65	79.2	6.72			Newport a†.	98	53	78.4	3.61			McMullin* ¹ .	110	48	77.8	0.00		
Oxanna*†.	94	58	73.7	7.65			Newport b†.	94	52	78.1	4.08			Makafok Mine* ¹ .	90	47	68.4	0.00		
Pine Apple†.	98	61	73.8	5.85			Ozark†.	96	57	76.8	6.34			Mammoth Tank* ⁸ .	112	60	88.2	T.		
Pushmataha†.	95	61	73.0	4.50			Pine Bluff†.	95	60	78.3	9.91			Manzano.	100	40	72.8	0.00		
Rock Mills†.	96	64	77.7	5.59			Pocahontas†.	100 ^a	50	75.8	6.38			Mare Island L. H.						
Scottsboro†.	97	50	74.4	8.48			Prescott†.	94	57	78.2	6.59			Merced* ⁸ .	109	52	79.6	0.00		
Selma†.				9.66			Rison†.	95	54	76.9	8.84			Middletown* ¹ .	104	46	71.8	0.00		
Starlington*†.	99	70	77.4	6.98			Russellville†.	96	55	77.4	3.41			Milton (near)* ¹ .	103	57	75.5	0.00		
Sturdevant†.				1.65			Searcy†.							Modesto* ⁸ .	104	56	79.1	0.00		
Tallassee Falls†.				7.25			Stuttgart†.	95	57	78.4	3.71			Mohave* ⁸ .	106	53	80.3	0.00		
Thomasville†.	94	64	78.2	10.99			Texarkan†.	98	57	79.4	2.57			Mokelumne Hill* ⁸ .	93	53	73.5	0.00		
Tuscaloosa†.	99	59	79.3	6.52			Washington†.	91	60	76.9	8.10			Monterey* ⁸ .	78	48	58.6	0.00		
Tuscumbia†.	96	57	78.4	3.19			Wiggs.							Mountain View.						
Union†.	97	60	77.3	2.50			Winslow†.	88	55	71.8	5.79			Mount Frazier.						
Union Springs†.	100	66	80.2	3.70			Witts Springs.							Mount Glenwood* ¹ .	105	59	76.4	0.00		
Unlontown†.	96*	68*	79.0*	7.83									Mutah Flat.							
Valley Head†.	93	53	74.8	3.65									Napa ^b .	94	48	67.6	0.00			
Wetumpka.				3.53									Needlest.	112	63	86.9	0.00			
Wilsonville†.				1.68									Nevada City†.	91	34	65.8	0.00			
<i>Alaska.</i>													Newcastle†.	103	42	73.5	0.00			
Coal Harbor†.	62	32	45.8	1.69									Newhall* ⁸ .	100	54	70.9	0.00			
Killisnoo†.	68	36	50.2	3.35									Nordhoff†.	104	49	67.0	0.00			
<i>Arizona.</i>													Oakland ^a .	92	46	60.0	0.00			
Antelope Valley†.													Ogilby* ⁸ .	116	65	93.0	0.00			
Arizona Canal Co. Dam.	112	49	77.6	0.00									Oleta* ⁸ .	96	51	72.8	0.00			
Benson a* ⁸ .	103	66	77.7	0.00									Ontario ^b .	100	56	74.0	0.00			
Bisbee†.	96	51	76.4	0.10									Orangevale†.	112	50	77.3	0.00			
Buckeye†.	107	50	79.5	0.00									Orland* ⁸ .	111	59	80.8	0.00			
Calabasas†.	102	43	73.8	0.00									Ormonde†.							
Casa Grande* ⁸ .	109	68	88.5	0.00									Oroville ^b .	104	54	80.4	0.00			
Dragonon Summit* ⁸ .	100	60	82.4	0.10									Palermo†.	111	49	80.2	0.00			
Dudleyville†.	109	48	75.2	0.07									Paso Robles ^b .	103	36	66.2	0.00			
Eagle Pass* ⁸ .	105	49	75.2	0.58									Petaluma* ¹ .	93	56	66.8	0.00			
Farleys Camp†.	105	49	81.1	0.00									Piedras Blancas L. H.							
Fort Apache†.	98	38	65.7	0.01									Pigeon Point L. H.							
Fort Grant†.	92	48	75.8*	0.14									Placererville ^b .	100	39	70.3	0.00			
Fort Huachua†.	87	48	74.9	0.87									Point Ano Nuevo L. H.							
Gila Bend* ⁸ .	113	70	95.0	0.00									Point Arena L. H.							
Globe†.	107	47	78.4	0.05									Point Bonita L. H.							
Holbrook†.	97	38	67.2	0.11									Point Conception L. H.							
Kearns Canyon†.	92	32	62.5	0.02									Point Fermin L. H.							
Maricopa* ⁸ .	115	64	88.2	0.00									Point George L. H.							
Mount Huachuca†.	100	51	77.0	0.83																

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.					
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			
California—Cont'd.	0	0	0	In.	In.	Colorado—Cont'd.	0	0	0	In.	In.	Florida—Cont'd.	0	0	0	In.	In.	Florida—Cont'd.	0	0	0	In.	In.
San Bernardino†	99	42	70.4	0.00		Gunnison†	78	20	52.8	0.58		Fort Meade†	92	82	78.0	5.41		Fort Meade†	92	82	78.0	5.41	
San Jacinto†	100	39	69.0	0.03		Holly	—	—	—	0.65		Gainesville†	100	62	82.0	2.95		Gainesville†	100	62	82.0	2.95	
San Jose†	96	55	68.8	0.00		Holyoke a.	—	—	—	1.30		Grasmere†	92	61	79.2	5.81		Grasmere†	92	61	79.2	5.81	
San Leandro*†	94	54	64.7	0.00		Holyoke b.	—	—	—	0.61		Green Cove Springs†	93	57	76.4	6.03		Green Cove Springs†	93	57	76.4	6.03	
San Luis L. H.	—	—	—	0.00		Hugo ^b	90	40	66.1	—		Homeland†	95	61	80.3	3.79		Homeland†	95	61	80.3	3.79	
San Luis Obispo a.	—	—	—	0.00		Hugo (near)†	85	36	60.3	3.79		Hypoluxo*†	94	73	78.4	8.99		Hypoluxo*†	94	73	78.4	8.99	
San Mateo* ^a	94	58	64.6	0.00		Husted†	88	32	58.6	5.08		Kissimmeee†	96	62	80.4	1.20		Kissimmeee†	96	62	80.4	1.20	
San Miguel* ^a	104	53	75.9	0.00		Julesburg†	93	39	65.4	3.27		Lake City†	95	62	79.8	5.03		Lake City†	95	62	79.8	5.03	
San Miguel Island†	89	47	60.6	0.00		Kit Carson†	96	46	69.8	1.39		Manatee†	97	62	78.6	1.50		Manatee†	97	62	78.6	1.50	
San Rafael†	96	40	65.4	0.00		La Jara†	92	35	59.4	0.23		Merritts Island†	95	68	79.2	7.35		Merritts Island†	95	68	79.2	7.35	
Santa Ana* ^a	102	58	76.0	0.00		Lake Moraine†	68	23	47.0	3.64		Moseley Hall†	97	68	81.0	8.42		Moseley Hall†	97	68	81.0	8.42	
Santa Barbara a.	90	46	62.5	0.05		Lamar†	101	43	70.6	0.69		Mullet Key†	92	72	82.2	1.42		Mullet Key†	92	72	82.2	1.42	
Santa Barbara L. H.	—	—	—	0.08		Laporte	—	—	—	2.91		Myers†	93	63	80.1	8.08		Myers†	93	63	80.1	8.08	
Santa Clara a* ^a	90	42	63.9	0.00		Las Animas†	95	41	69.0	0.16		New Smyrna†	93	59	77.3	5.21		New Smyrna†	93	59	77.3	5.21	
Santa Clara b.	102	39	64.5	0.00		Lay*†	96	38	51.4	—		Oak Hill* ^a	92	73	81.2	—		Oak Hill* ^a	92	73	81.2	—	
Santa Cruz b†	98	43	63.5	0.00		Le Roy†	92	39	63.1	2.94		Ocala*†	93	68	78.8	5.23		Ocala*†	93	68	78.8	5.23	
Santa Cruz L. H.	—	—	—	0.00		Longmont†	93	36	62.0	3.00		Orange Park	96	59	79.9	4.20		Orange Park	96	59	79.9	4.20	
Santa Maria	92 ^c	40	62.2 ^c	0.00		Longs Peak	—	—	—	2.70		Orlando†	97	62	81.2	8.21		Orlando†	97	62	81.2	8.21	
Santa Monica* ^a	75	58	65.0	0.00		Loveland	—	—	—	1.45		Oxford*†	94	65	80.5	3.53		Oxford*†	94	65	80.5	3.53	
Santa Paula b†	98	25	59.9	0.00		Manhattan	—	—	—	1.30		Plant City†	99	57	78.3	3.58		Plant City†	99	57	78.3	3.58	
Santa Rosa* ^a	98	58	71.6	0.00		Meeker†	90	24	58.8	1.60		St. Francis Barracks	93	55	77.6	3.35		St. Francis Barracks	93	55	77.6	3.35	
Shasta	—	—	—	0.00		Minneapolis†	98	46	69.0	2.98		Tallahassee†	94	63	79.0	3.93		Tallahassee†	94	63	79.0	3.93	
Skye Valley	—	—	—	0.00		Monte Vista	79	32	56.0	0.76		Tarpon Springs†	90	64	78.4	3.26		Tarpon Springs†	90	64	78.4	3.26	
Sneddens Ranch	—	—	—	0.00		Moraine†	78	25	51.4	2.58		Georgia	—	—	—	—		Georgia	—	—	—	—	
S. E. Farallone L. H.	—	—	—	0.00		Ouray†	81	34	58.0	1.45		Adairsville†	97	55	76.3	4.08		Adairsville†	97	55	76.3	4.08	
Stanford University	95	30	59.3	0.00		Pagoda†	83	21	53.2	2.40		Alapaha†	98	59	79.8	3.86		Alapaha†	98	59	79.8	3.86	
Stockton a	102	50	71.4	0.00		Parachute†	92	32	63.2	0.57		Albany†	102	63	81.6	4.07		Albany†	102	63	81.6	4.07	
Summerdale†	—	—	—	0.00		Pinkhamton	—	—	—	1.67		Americus†	100	62	81.7	2.88		Americus†	100	62	81.7	2.88	
Susaville†	93	33	68.0	T.		Rangely†	95	23	62.2	0.47		Athens a	96	57	76.8	3.53		Athens a	96	57	76.8	3.53	
Sutter Creek* ^a	98	38	67.0	0.00		Redclif†	—	—	—	2.55		Bainbridge a†	100	60	81.0	6.20		Bainbridge a†	100	60	81.0	6.20	
Tecarte Dam* ^a	105	50	64.2	0.00		Rico	—	—	—	1.58		Bainbridge b†	98	60	80.2	5.88		Bainbridge b†	98	60	80.2	5.88	
Tehama* ^a	106	59	80.3	0.00		Rocky Ford†	97	42	68.0	0.52		Blakely†	98	60	80.2	5.88		Blakely†	98	60	80.2	5.88	
Tejon Ranch	—	—	—	0.00		Ruby†	—	—	—	5.61		Bragt†	104	55	79.4	3.95		Bragt†	104	55	79.4	3.95	
Templeton* ^a	108	45	68.2	0.00		Saguache†	85	39	57.0	2.60		Brunswick†	95	61	76.2	2.78		Brunswick†	95	61	76.2	2.78	
Trinidad L. H.	—	—	—	0.00		Sc. Cloud†	—	—	—	2.94		Camak†	93	57	78.0	2.93		Camak†	93	57	78.0	2.93	
Tulare b.	88	38	55.7	0.00		San Juan†	78	18	46.6	0.79		Canton†	—	—	—	4.57		Canton†	—	—	—	4.57	
Tulare c.	118	42	80.4	0.00		San Luis†	87	31	58.8	0.98		Clayton†	95	43	72.1	2.38		Clayton†	95	43	72.1	2.38	
Turlock b†	111	41	73.7	0.00		Santa Clara* ^a	87	25	56.7	3.45		Columbus†	98	60	80.2	1.85		Columbus†	98	60	80.2	1.85	
Ukiah†	100	40	67.4	0.00		Seibert†	—	—	—	1.38		Cordele†	98	61	80.6	1.75		Cordele†	98	61	80.6	1.75	
Upper Lake	100	41	70.2	0.00		Smoky Hill Mine†	80	31	58.2	3.64		Covington	98	58	77.4	2.12		Covington	98	58	77.4	2.12	
Upper Mattole* ^a	89	48	60.8	0.00		Springfield†	—	—	—	3.07		Dahlonga†	95	52	72.2	4.87		Dahlonga†	95	52	72.2	4.87	
Vacaville a* ^a	106	60	75.4	0.00		Stamford* ^a	74	30	47.4	8.90		Diamond†	96	48	72.6	5.33		Diamond†	96	48	72.6	5.33	
Ventura†	85	44	62.7	0.00		Steamboat Springs	96	16	58.3	5.00		Dublin b†	—	—	—	3.87		Dublin b†	—	—	—	3.87	
Volcano Springs* ^a	123	86	99.7	0.00		Surfside Creek†	92	21	58.3	1.38		Elmaston†	99	59	79.6	2.32		Elmaston†	99	59	79.6	2.32	
Walnut Creek†	106	40	69.0	0.00		Surface Creek†	85	33	59.0	1.38		Felton†	99	58	79.8	3.20		Felton†	99	58	79.8	3.20	
Wenrich Ranch	—	—	—	0.00		Thon†	95	33	61.6	4.21		Fleming†	101	53	79.8	8.20		Fleming†	101	53	79.8	8.20	
West Point	—	—	—	0.00		T. S. Ranch†	89	38	63.0	0.81		Forsyth* ^a	96	70	79.9	4.32		Forsyth* ^a	96	70	79.9	4.32	
West Pointland	107	49	75.8	0.00		Twin Lakes	—	—	—	2.73		Fort Gaines†	100	64	80.3	6.29		Fort Gaines†	100	64	80.3	6.29	
Williams* ^a	106	63	87.9	0.00		Vernon†	97	38	64.2	2.03		Gainesville†	91	53	72.8	3.39		Gainesville†	91	53	72.8	3.39	
Willows b* ^a	108	62	82.2	0.00		Villas	—	—	—	2.80		Gilliland†	98	53	73.0	3.00		Gilliland†	98	53	73.0	3.00	
Wilmingtom* ^a	80	60	69.8	0.00		Wallet†	—	—	—	3.91		Griffin† ^a	91	57	76.3	5.85		Griffin† ^a	91	57	76.3	5.85	
Wire Bridge* ^a	100	51	75.0	0.00		Watkins* ^a	82	45	55.8	2.73		Hawkinsville†	94	54	74.6	4.16		Hawkinsville†	94	54	74.6	4.16	
Yerba Buena L. H.	—	—	—	0.00		Yuma	—	—	—	2.73		Lagrange†	91	59	76.6	2.89		Lagrange†	91	59	76.6	2.89	
Yreka†	98	32	65.0	0.00		Connecticut	—	—	—	—		Leverett†	91	59	76.5	5.25		Leverett†	91	59	76.5	5.25	
Yuba City* ^a	100	60	81.4	0.00		Bridgeport* ^a	92	48	70.6	3.53		Louisville†	100	66	79.5	2.58		Louisville†	100	66	79.5	2.58	
Engineers Quarters†	—	—	—	0.00		Canton†	92	42	68.3	2.02		Macon b†	99	58	79.1	1.70		Macon b†	99	58	79.1	1.70	
Morses House†	—	—																					

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Idaho—Cont'd.</i>							<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	
Haley†	80	60	70				0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
Idaho City†	89	23	55.0				T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.
Kootenai†	91	36	60.2	0.88																
Lake†	73	38	48.0	1.22																
Lewiston†	103	40	67.4	0.06																
Lost River†																				
Martin†	86	55	53.6	0.50																
Moscow†	93	33	57.5	0.40																
Murray†	96	30	54.9	1.55																
Nampa†	92	30	51.3	0.04																
Oakley†	77	28	61.4	0.46	1.0															
Orchard†																				
Paris†	85	25	54.2	1.02																
Payette†	97	84	65.8	0.15																
Salubria† ^a	98	27	60.2	0.08																
Soldier†	84	22	58.6	0.24																
Swan Valley†	73	20	58.8	1.21																
Three Creek†	21																			
Warren†	84	30	50.3	1.51	3.0															
<i>Illinois.</i>																				
Allion†	99	52	76.8	4.67																
Alexander†	94	49	75.0	2.43																
Altamont																				
Ashton† [†]	96	57	72.0	3.72																
Atlanta	102																			
Atwood ^{*3}	44	69.3	73.7																	
Aurora†	99	42	70.6	1.66																
Bardstown†																				
Bloomington†	108	42	75.2	1.75																
Bushnell†	93	49	75.4	1.94																
Cambridge	94	58	73.0	1.40																
Carlville†	99	49	78.0	3.16																
Carlyle																				
Catlin†																				
Chemung [*]	96	40	73.8	3.11																
Chester†																				
Clear Creek†	108	46	75.6	1.89																
Cordova†																				
Decatur†	100	49	75.6	4.40																
Dixon†	97	45	72.2	1.62																
Duquoin [*]	101	62	79.3	2.63																
East Peoria†	101	43	74.9	1.31																
Erlingham†	100	56	77.6	2.40																
Evanson ^{*10}	97	64	71.2																	
Fort Sheridan†	95	40	69.7	2.60																
Frederick																				
Galva†	97	49	73.6	1.57																
Gillman†																				
Grafton†																				
Greenville†	99	52	76.4	3.04																
Griggsville†	95	52	74.6	3.04																
Holiday ^{*5}	98*	68	80.0	2.98																
Havana†	96	55	76.4	1.91																
Herrins Prairie [*]	92	54	77.4	4.75																
Hillsboro†	101	62	78.1	2.47																
Holts	100	50	76.8	3.35																
Joliet†	100	45	74.4	1.26																
Jordans Grove†	95	53	75.4	3.84																
Kankakee†	92	45	71.4	1.11																
Knoxville ^{*6}	96	51	74.5	1.40																
La Grange†	94	43	70.6	2.00																
La Harpe	98	45	73.4	3.18																
Lanark ^{*1}	98	54	71.8	1.60																
Lexington ^{*11}	98	50	74.3	2.20																
Loami																				
Louisville†	96	50	74.8	5.60																
McLeansboro ^{*13}	65	74.6	7.02																	
Martinsville†	98	46	75.0	1.54																
Mascoutah ^{*5}	101	40	77.5	2.10																
Mattoon†	98	60	76.1	2.86																
Mommouth†	95	47	73.2	2.97																
Mount Carmel†																				
Mount Pulaski†	99	51	75.2	2.84																
Mount Vernon	97	50	76.2	1.94																
New Burnside†	100	51	77.9	2.24																
Oinely [*]	98	60	78.0	3.00																
Oinely ^b	107	56	76.2	3.14																
Oregon†	99	41	71.6																	
Oswego [*]	96	40	70.9	1.64																
Ottawa†	102	44	74.4	1.02																
Palestine†	98	48	70.4	2.05																
Paris†	100	42	75.2	2.21																
Peoria ^a																				
Peoria ^b	98	56	77.4	1.67																
Philo†	100	43	73.5	2.73																
Rantoul ^{*15}	100	56	77.4	3.40																
Riley†	98	44	70.8	1.68																
Rockford†	97	51	75.7	1.08																
Rushville	98	52	74.8	3.88																
St. Charles	104	40	74.1	1.80																
St. John ^{*16}	98	67	80.2	3.84																
Sycamore ^{*11}	91	50	70.6	2.20																
Tampico	94	50	73.0	3.50																
Tiskilwa	101	50	79.7	0.70				</												

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Ins.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Ins.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
Kansas—Cont'd.	o	o	o	Ins.	Ins.	Louisiana—Cont'd.	Houma †	o	o	o	Ins.	Ins.	Massachusetts—Cont'd.	Brockton a	o	o	o	Ins.	Ins.	
Macksville †	104	47	78.1	6.23		McPherson †	96	47	72.3	5.79	98	64	82.6	7.30	96	47	67.9	2.33		
Manhattan b	102	49	74.2	5.43		Jeanerette †	97	64	80.4	8.77	97	64	80.4	9.43	96	47	65.1	2.50		
Meade †	104	48	74.0	3.25		Lafayette †	98	65	80.2	9.43	92	66	79.8	11.94	94	46	68.5	2.73		
Medicine Lodge	97	51	78.0	5.55		Lake Charles †	97	59	79.5	8.13	94	48	79.4	8.32	93	46	68.6	2.73		
Minneapolis †	103	47	78.4	3.86		Lake Providence †	97	68	81.8	8.96	94	48	79.5	10.46	94	46	69.0	2.21		
Morland †	98	48	68.8	5.47		Lawrence †	97	68	79.2	8.76	97	68	79.4	8.64	94	46	69.4	4.05		
Morton †	101	45	71.4	5.03		Liberty Hill	96	58	79.6	10.46	96	58	79.6	8.93	94	46	67.2	2.13		
Mount Hope *†	101	52	74.9	7.18		Maurepas	97	64	80.4	8.76	97	65	80.6	9.43	95	46	68.9	2.91		
Ness City †	98	50	78.6	5.61		Melville †	97	61	80.6	8.93	91	57	79.4	5.09	90	52	69.0	1.72		
New England Ranch †	98	30	69.0	6.16		Minden †	96	61	80.6	8.25	95	65	80.5	5.93	89	49	64.0			
Norton †	101	44	69.4	5.78		Monroe †	96	58	78.8	6.36	95	68	80.7	9.50	94	49	67.8	2.50		
Oberlin †				4.87		Natchitoches	95	68	80.7	9.50	95	68	80.7	9.50	94	49	67.8	4.05		
Olathe †	92	50	78.1	6.52		New Iberia	93	68	80.7	13.42	95	68	81.1	13.42	91	52	67.7	3.24		
Osgwego †	98	58	76.4	6.21		Oak Ridge †	99	67	79.2	7.15	93	68	79.2	7.15	95	41	68.0	3.50		
Ottawa †	97	51	73.6	5.91		Opelousas †	96	65	79.9	8.48	95	65	79.9	8.48	93	43	67.8	3.23		
Phillipsburg †	104	44	68.3	4.07		Oxford †	91	54	78.5	5.09	95	65	80.5	5.93	92	43	66.4	4.76		
Pleasant Dale	100	45	70.4	5.38		Paincourtville †	95	65	80.5	9.30	95	65	80.5	9.30	93	43	68.1	1.27		
Quinter †	103	45	72.7	6.00		Rayne †	96	65	80.5	9.30	95	65	80.5	9.30	94	43	67.6	4.05		
Rome †	101	39	75.3	4.46		Schneevier †	94	63	80.6	5.63	95	63	80.6	5.63	92	41	68.2	1.05		
Salina †	96	44	74.5	4.50		Shell Beach	94	68	80.4	10.98	95	68	80.4	10.98	97	51	68.5			
Sedan †	100	56	76.6	3.47		Southern University †	90	68	78.2	12.90	95	68	78.2	12.90	97	53	66.6	3.12		
Sharon Springs *†	98	52	68.2	7.75		Sugar Ex. Station †	95	68	81.3	11.06	95	68	81.3	11.06	95	46	69.6	2.94		
Tribune †	98	49	67.9	3.93		Sugartown †	93	63	78.4	4.98	95	63	78.4	4.98	94	43	68.0	4.04		
Wa Keeney	98	54	70.9	3.00		Thibodeaux	95	63	78.4	5.00	95	63	78.4	5.00	91	52	67.4	2.56		
Wakefield *†	105	54	75.0	5.68		Wallace	93	67	80.2	10.44	95	67	80.2	10.44	95	52	69.3	2.63		
Wallace	100	50	72.4	3.80		West End	95	67	80.2	6.93	95	67	80.2	6.93	95	52	67.6			
Wamego *†	98	44	73.6	6.06		Maine.														
Wellington				7.00		Bar Harbor	91	34	61.4	1.68										
Winfield *	108	50	87.2			Belfast *	92	53	63.1	3.19										
Winona *	98	48	71.8	5.00		Calais †	98	32	65.0	1.75										
Yates Center †	100	49	74.0	2.95		Cornish *†	90	52	67.0	3.53										
Kentucky.						Fairfield	89	42	66.6	1.96										
Alpha †	97	52	76.0	5.36		Farmington †	98	58	69.8	3.38										
Anchorage †	95	44	69.4	4.99		Gardiner	95	44	67.4	2.01										
Blandville †	95	54	75.7	7.09		Houlton †	97	36	66.0	3.65										
Bowling Green a *†	94	49	72.8	2.12		Kineo †	90	45	66.4	3.26										
Bowling Green b †	98	56	78.1	1.98		Lewiston	94	45	67.6	2.50										
Burnside †				3.18		Madison *†	98	54	67.9											
Caddo †	99	57	77.0	2.50		Mayfield	93	39	65.8	3.03										
Carlton †	97	64	76.2	3.73		North Bridgton	93	45	66.0	3.49										
Carrollton †	104	51	77.5	3.73		Orono †	91	30	66.7	1.35										
Catlettsburg †				1.98		Petit Menan *†	74	45	55.4											
Cromwell †				4.55		West Jonesport *†	97	45	55.2											
Earlington				4.10		Maryland.														
Eddyville †				2.38		Bachmans Valley *†	100	58	75.0	2.56										
Edmonton †	98	68	74.0	2.08		Bel Alton	97	51	75.5	4.55										
Elizabethtown †	97	52	73.4	3.39		Boettcherville *†	100	50	71.7	4.30										
Eubank †	90	50	78.8	3.84		Charlotte Hall †	97	50	75.2	3.89										
Falmouth †				2.46		Cherryfields †														
Fords Ferry †	104	51	78.0	8.82		Chestertown †	98	54	72.9	7.88										
Frankfort †	98	55	77.0	5.80		College Park	100	48	72.6	5.50										
Franklin *†	96	64	72.2	4.11		Cumberland a †	97	50	72.2	4.42										
Georgetown	95	52	75.4			Cumberland b	101	54	77.2	4.87										
Greensburg *†	94	56	75.2	4.23		Darlington †	96	52	72.4	5.03										
Greensburg *†	94	58	75.2	5.10		Dear Park	99	37	66.1	1.01										
Harrods Creek †	100	55	77.0	4.60		Denton †	101	50	73.8	6.93										
Henderson †	99	56	77.4	9.99		Ellicott City	91	50	74.2	4.11										
Hendricks †	97	47	77.8	1.75		Fallston *†	94	52	71.0	2.50										
Herbert	100	51	77.8	5.27		Frederick a	97	49	73.4	4.77										
Louisian.	99	50	77.4	1.85		Garrison	95	48	73.6	4.57										
Marrowbone †	96	50	78.4	2.86		Glyndon	98	49	73.6	8.14										
Middleboro †	94	51	71.5	3.12		Grantsville	90	41	66.5	4.07										
Mount Sterling †	94	50	74.0	3.80		Great Falls *†	95	58	75.6	4.89										
Munfordville				1.23		Green Spring Furnace	98	45	72.8	2.77										
Paducah a †				3.49		Hagerstown †	98	43	73.6	4.50										
Paducah b †	101	57	70.6	4.02		Hancock	100	48	72.6	4.34										
Pleasure Ridge Park †	90	52	74.4	6.04		Jewell †	98	61	74.1	4.60										
Princeton †	99	49	75.4	5.40		La Plata †	100	52	73.1	4.66										
Pryorsburg †	92	60	78.0	5.83		Laurel	97	52	73.6											
Russellville †	96	56	77.6	2.05		McDonogh.	94	48	74.0	1.83										
Sandy Hook †	99	48	74.2	2.71		Mardela Springs †	95	48	74.7	4.27										
Shelby City *†	96	52	74.0	3.32		Mt. St. Mary's College	95	40	65.3	4.01										
Shelbyville †	101	52	76.0	4.49		Oakland †	98	40	67.5	3.63										
South Fork †				72.6		Oldtown	96	56	75.7	2.53										
Springfield †	90	52	73.6	2.23		Pocomoke City	99	52	75.3	4.80										
Williamsburg †				2.83		Popes Creek	96	52	74.6	1.12					</td					

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.			Temperature. (Fahrenheit.)			Precipita- tion.			Stations.			Temperature. (Fahrenheit.)			Precipita- tion.			Stations.			Temperature. (Fahrenheit.)			Precipita- tion.	
Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	In.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	In.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	In.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	In.		
<i>Michigan—Cont'd.</i>						<i>Minnesota—Cont'd.</i>						<i>Missouri—Cont'd.</i>							<i>Montana.</i>						
Harrisville	96	97	64.0	2.07	In.	Red Wing ^t	96	97	82.7	3.54	In.	Gallatin ^t	90	93	71.6	7.40	In.								
Hart	95	98	61.6	1.50		Redwood Falls ^t	96	97	65.6	2.10		Gayoso ^s	95	96	76.8	2.22									
Hastings	92	93	70.4	0.82		Reeds Landing	96	97	59.4	7.54		Glasgow	94	95	73.0	5.82									
Hayes	93	98	70.8	1.18		Rolling Green ^t	97	98	65.6	2.55		Gordonville ^s	95	97	72.5	5.70									
Hesperia	99	95	70.8	1.84		Roseau	91	94	68.6	3.55		Gorin ^s	91	93	73.3	4.78									
Highland Station	93	91	69.3	0.81		St. Charles ^t	91	93	64.9	2.55		Grove Dale	90	94	72.8	5.18									
Holland ^m	97	95	69.1	1.01		St. Cloud	92	93	68.1	7.14		Half Way	93	95	72.9	6.47									
Howell	96	90	69.2	1.28		St. Olaf	92	93	67.2	1.56		Harrisonville ^t	93	95	72.9	5.03									
Ivan	95	90	68.0	1.51		St. Peter ^t	90	91	61.4	2.69		Hastain	96	98	74.3	5.03									
Jeddo	91	93	67.4	0.62		Sandy Lake Dam ¹	90*	99	63.6	3.43		Hermann ^t	90	92	75.6	5.66									
Kalamazoo	93	44	71.2	1.84		Sauk Center	95	94	68.9	1.64		Houston	98	95	73.8	6.15									
Lansing	94	90	70.7	1.24		Shakopee ^s	98	94	67.5		Houstonia (near)	95	97	74.5	6.27									
Lathrop ^m	90	40	61.9	2.80		Sunrise City ^s	86	92	67.5		Humansville	93	95	74.5	6.18									
Lewiston	95	39	68.6	2.70		Tower ^t	96	97	61.5		Ironton ^t	93	95	72.7	5.37									
Ludington ^m	95	45	65.2		Two Harbors ^t	95	95	57.5	5.03		Jefferson City ^t	96	94	74.9	5.36									
Madison	98	44	71.2	0.70		Wabasha ^s	93	50	67.6	5.00		Kidder	94	50	72.2	7.05									
Manistee ^m	90	40	65.9		Willmar ^t	97	90	64.0	9.43		Lamar	92	64	73.8	9.04									
Mayville	93	40	70.6	1.03		Winona	91	50	70.2	4.32		Lamotte	90	95	74.8	6.66									
Middle Island ^m	98	43	63.4		Worthington	97	95	66.3	3.98		Langdon ^t	95	95	74.4	4.28									
Mottville	99	41	71.6	1.63		Zumbrota ^t	88	50	66.8		Lebanon	90	95	72.0	5.91									
Muskallongee Lake ^m	93	41	59.9	.....							Lexington ^t	90	95	71.5	9.47									
North Manitou Island ^m	89	42	62.8	.....							Liberty	95	94	74.9	7.21									
North Marshall	95	88	68.1	0.35							Linn Creek	94	55	74.8	4.26										
Northport	88	42	64.2	2.10							Louisiana Bridge ^t	95	95	75.4	2.82										
Old Mission	93	41	67.1	1.70							McCune ^t	95	61	73.9	4.15										
Ottawa Point ^m	90	47	65.8	.....							Marble Hill	97	47	74.4	6.12									
Ovid	98	42	71.6	1.02							Marcelline	94	44	71.4	6.57										
Parkville											Marshall ^t	94	44	71.4	6.57										
Pentwater ^m	94	50	69.3	.....							Maryville ^s	88	47	67.6	7.30									
Pont aux Barques ^m	92	45	68.7	.....							Mexico ^t	98	51	74.4	5.68									
Pont Betsey ^m	92	46	63.5	.....							Miami	91	95	74.9	6.83									
Pontiac	96	40	68.8	1.88							Mine La Motte ^t	91	47	72.1	6.34										
Rockland	99	39	63.4	4.40							Mount Vernon	91	45	70.8	6.11										
Romeo	95	44	70.2	0.84							Nevada	96	56	73.6	4.82										
St. Ignace	92	38	63.4	1.42							New Haven ^s	96	56	73.6	4.05										
St. Johns	97	45	73.7	1.15							New Madrid	100	55	79.6	3.90										
Sand Beach ^a	92	34	65.2	0.96							New Palestine	96	55	74.5	6.08										
Sand Beach ^m	92	44	65.9	.....							Oakfield ^t	96	55	75.4	5.54									
Ship Canal ^m	93	34	60.8	.....							Oak Ridge ^t	90	56	72.2	6.80									
Standish	90	40	71.5	0.40							Oldent ^t	94	50	73.5	5.80										
Stanton	97	38	69.5	0.48							Oregon ^a	91	51	72.2	5.17										
Sturgeon Point ^m	90	44	61.8	.....							Osecolea ^t	90*	50	70.5	5.18									
Thornville	98	43	70.9	0.88							Oto	90	40	74.4	4.32										
Thunder Bay Island ^m	86	46	60.9	.....							Palmyra ^s	94	54	78.4	7.05									
Two Heart River ^m	84	40	60.7	.....							Panacea	90	53	71.6	3.49									
Vandalia	95	43	71.8	1.48							Phillipsburg ^t	89	54	70.2	6.89										
Vermilion Point ^m	88	38	66.4	.....							Pickering ^s	90	60	67.7	6.41									
Ypsilanti	94	38	68.1	1.58							Pierce City ^t	100	60	74.6	4.90										
<i>Minnesota.</i>											Platte River ^s	94	54	71.2	4.21										
Ada ^t	85*	34*	60.1 ^c	5.88							Poplar Bluff	95	54	75.4	6.63										
Albert Lea ^t	87	41	65.8	2.71							Potosi	98	46	72.8	6.04										
Alexandria ^t	83	33	62.6	4.72							Princeton ^t	95	52	72.7	6.47										
Beardsley ^t	83	33	60.7	.....							St. Charles	94	55	74.9	2.79									
Belle Plaine ^t	94	58	69.7	.....							St. Joseph ^t	94	49	73.8	4.00									
Bird Island	90	37	66.4	2.67							St. Louis	94	49	73.6	2.61										
Blooming Prairie	88	41	68.9	4.25							Surcoxe ^s	94	54	73.6	5.35										
Bonniwells Mills	88	39	67.8	2.84							Shelbina	90	40	71.6	6.30										
Caledonia ^t	88	41	68.0	4.91							Steffenville	89	40	71.0	7.05										
Cambridge ^t	85	35	65.6	4.04							Sublett	89	46	71.6	7.92										
Camden ^t	90	37	65.6	2.70							Tindall ^t	98	47	73.0	4.33										
Campbell	88	37	63.6	7.04							Trenton ^s	97	45	67.6	4.33										
Clear Lake ^t	88	39	64.8	2.97							Unionville ^t	97	42	73.0	7.46										
Clear Water ^t	87	47	64.2	1.88							Vermont ^t	90	54	71.3	5.83										

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
Montana—Cont'd.	°	°	°	In.	In.		Nebraska—Cont'd.	°	°	°	In.	In.		New Hampshire—Con'd.	°	°	°	In.	In.	
Poplar+	95	31	60.8	2.30	1.57		O'Neill*†	90	47	66.6	6.36	2.64		Bethlehem	88	45	66.6	2.73		
Radersburg†							Ough†							Brookline*†	97	53	68.7	2.63		
Sun River†	105	30	57.8	1.76	0.8		Palmer a*†	100	56	67.4	5.20			Concord	95	45	68.5	1.98		
Troy†	102	38	66.9	0.60			Palmer b*†							Dublin	95	43	67.2	3.97		
Utica†	89	24	55.6	3.76	14.0		Plattsburgh†	96	57	76.3	5.66			Grafton				4.09		
Virginia City†	83	30	53.0	2.12	18.0		Plattsburgh b*†	90	41 ^a	65.9 ^a	1.91			Hanover	88	44	66.8	2.77		
White Sulphur Springs†	88	28	59.5	0.98	3.0		Potter							Keene	92	41	66.8	3.88		
Wibaux†	90	33	59.5	5.54			Ravenna a*†	100	45	67.2	5.05			Lakeport				2.54		
Yale†	89	29	54.1	1.34			Ravenna b*†	96	50	67.2	3.53			Lancaster	91	56	71.7	2.76		
Nebraska.							Red Cloud a*							Mine Falls				2.92		
Agee*†	95	44	66.4	5.84			Red Cloud b*†	106	56	76.0	4.14			Nashua	96	43	68.4	2.29		
Albion†	94	46	69.6	4.62			Republican							Newton	95	38	68.8	1.65		
Alliance				3.41			Eulo*†	95	54	73.7	4.04			North Conway	92	43	66.3	2.35		
Alma				3.91			Salem*†	94	50	68.8	2.56			Pennichuck Station				2.42		
Amelia*†	104	49	67.2	6.40			Santee Agency†	95	44	68.5	4.98			Peterboro	90	34	66.4	2.64		
Ansley†	95	41	66.6	5.90			Schuyler†							Plymouth	97	40	68.1	3.75		
Arborville*†	106	48	70.6	5.75			Seneca*†	95	40	65.2	4.60			Sanbornton†	88	45	65.8	2.98		
Ashland a†	96	50	70.5	6.21			Seward*†	98	55	74.2	5.35			Stratford	94	40	69.2	4.47		
Ashland b*†	102	57	73.1	6.04			Spencer							Sugar Hill						
Ashton	98	47	68.1	5.08			Springfield	95	58	70.5	6.43			Weirs Bridge				3.20		
Auburn*†	98	50	70.5	4.61			Springview	93	41	64.2	3.77			West Milian	88	38	69.6	4.01		
Aurora*†	104	50	69.0	5.18			Stanton*†	99	51	66.6	6.38			Wolfborough				1.50		
Bangcroft				4.88			State Farm	99	49	70.6	5.08			New Jersey.						
Bassett*†	80	40	68.3	5.06			Strang*†	102	56	75.8	5.72			Allaire	98	48	70.5			
Beatrice†	101	47	71.2	3.48			Superior*†	103	56	75.6	4.19			Asbury Park	99	49	69.2	1.35		
Beaver City	98	43	68.6	6.50			Sutton	100	46	65.8	6.53			Barnegat	100	49	70.1	2.25		
Benkelman*†	100	52	68.6	4.56			Syracuse							Bayonne	99	53	72.0	2.54		
Blue Hill*†	102	55	70.4	4.36			Tecumseh a†	96	47	69.8	5.06			Beach Haven	97	54	69.4	1.99		
Bratton*†	97	50	71.6	3.00			Tecumseh b†							Belvidere	99	46	72.2	4.62		
Broken Bow†	90	50	71.4	9.90			Tekamah							Beverly†	100	51	73.9	3.90		
Burkhardt*†	90	60	71.7	3.12			Theford*†	94	40	68.4	3.91			Billingsport	92	62	74.2	5.14		
Burwell*†	90	54	73.8	4.97			Turlington†	96	46	70.4	6.95			Blairstown	103	51	76.0	2.83		
Callaway†	90	46	68.4	9.08			Wakefield							Boonton	97	50	71.8	3.59		
Central City*†	100	53	73.2	6.12			Weeping Water*†	96	47	66.6	6.81			Bridgeton	98	55	75.4	5.98		
Chadron*†	112	40	66.8	8.45			Weston*†	100	56	78.2	4.95			Camden	96	54	73.0	4.00		
Chester*†	103	50	70.4	3.65			Whitman							Cape May	95	51	70.4	0.93		
Columbus†	98	48	68.4	5.77			Wilcox	92	50	70.6	7.11			Cape May C. H.†	92	50	70.0	0.97		
Cornlea				6.65			Wilcox*†							Charlottesville	93	59	67.8	2.34		
Cortland*†	96	58	69.0	4.69			Wilsonville*†	100	52	68.9	5.18			Chester	93	49	69.6	3.20		
Creighton	95	44	65.1	4.04			York*†	110	52	70.9	7.27			Deckertown	96	44	72.0	2.01		
Crete	96	46	69.2	5.70			Nevada.							Dover	96	45	69.9	3.94		
Culbertson				4.24			Austin							Egg Harbor City	98	53	71.4	2.79		
Curtis a*†	99	42	69.4	6.66			Battle Mountain*†	92	45	59.2	0.05			Elizabeth†	97	52	72.3	2.55		
Curtis b*†	105	45	69.0	7.10			Belmont	85	30	58.8	0.19			Englewood	96	52	72.6	2.77		
David City*†	96	52	67.8	6.70			Beowawe*†	95	37	64.5	0.00			Franklin Furnace	94	45	69.7	3.75		
Divide*†	96	64	69.5	4.93			Candelaria	95	38	67.2	0.20			Freedom	92	49	70.2	2.20		
Dunning*†	94	41	67.0	4.48			Carlin*†	95	38	70.6	T.			Friesburg						
Edgar†	104	55	74.5	4.35			Carson City	91	30	59.7	0.02			Gillette	97	45	69.1	3.74		
Elba				4.48			Cloverdale							Hanover	95	48	70.2	2.68		
Elwood				3.73			Clover Valley†							Hightstown	99	53	73.8	3.23		
Ericson*†	96	53	73.4	4.97			Cortez†							Imlaystown	98	50	74.4	2.52		
Fairbury				4.66			Cranes Ranch							Junction				2.79		
Fairmont*†	101	54	72.1	5.83			Curran†							Lambertville	98	50	73.0	5.94		
Fontanelle	94	45	69.1	5.20			Darrough Ranch							Millville	101	50	74.3	2.84		
Fort Robinson	89	37	61.6	5.15			Downeyville	104	41	72.0	0.13			Moorestown	95	54	73.1	5.05		
Franklin†	105	46	72.2	1.21			Eliko*†	95	38	64.6	T.			Newark a	95	54	71.5	3.80		
Geneva†	103	47	70.1	6.11			Eliko (near)	100	20	55.8	T.			Newark b	98	53	71.0	3.91		
Genoa†	101	47	68.6	5.95			Ely	91	23	56.7	0.26			New Brunswick a	102	49	73.5	2.79		
Gering†	91	40	68.5	4.06			Empire Ranch†	104	35	69.4	0.00			New Brunswick b	95	51	69.7	3.10		
Gibson				8.97			Fenelon*†	88	30	57.5	0.05			Oceanic	93	56	72.9	2.86		
Gothenburg	103	45	68.8	7.00			Genoa	75	31	56.0	0.00			Pateros	102	52	72.6	3.78		
Grand Island*†	106	55	73.7	5.34			Goleonda*†	97	42	67.2	0.05			Perth Amboy	98	50	71.4	3.71		
Greeley				5.93			Gold Hill	94	27	63.7	0.00			Plainfield	99	51	73.1	3.53		
Haigler*†	98	60	70.7	2.68			Halleck*†	97	33	56.2	0.24			Rancocas	99	54	73.1	3.68		
Hartington†	93	44	66.8	6.24			Hamilton	95	20	54.2	1.40			Readington*†	98	62	75.1	2.65		
Harvard*†	104	52	70.4	5.07			Hawthorne a*†	89	37	67.6	0.28			River Vale	96	45	71.0			
Hastings				5.76			Hawthorne b†	95	32	64.8	0.28			Salem	98	52	73.4	4.74		
Hayes Center†				5.05			Hotsprings*†	95	48	74.2	0.00			Somerville	101	49	72.8	3.36		
Hay Springs†	90	38	60.1	3.49			Humboldt*†	98	45	69.1	0.00			South Orange	96	52	71.2	4.25		
Hebron†	102	49	70.5	3.24			Las Vegas	98	..	..	..			Toms River	98	46	70.6	3.13	
Holdredge*†	97	58	72.2	5.06			Lewers Ranch	90	31	60.2	0.21			Trenton	96	55	75.0	3.56		
Imperial a†	97	32	67.0	2.47			Lovelock*†	99	49	71.2	0.00			Vineland	100	48	74.3	4.37		
Imperial b†	90	50	69.6	1.84			Marlette Lake†							Woodbine	98	45	70.5	1.94		
Indianola*†	102	54	72.2	3.50			Mill City*†	100	42	65.0				New Mexico.						
Kearney*†	100	50	71.8	3.55			Oscoda†	92	31	59.8	0.25			Albert†	95	47	71			

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.				
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		
<i>New Mexico—Cont'd.</i>	o	o	o	In. Ins.		<i>North Carolina—Cont'd.</i>	o	o	c	In. Ins.	<i>Ohio—Cont'd.</i>	o	o	o	In. Ins.		<i>Bowling Green</i>	99	97	71.7	2.20	
Ocate	87	35	61.8	2.14		Fair Bluff	97	58	75.1	2.45	Bucyrus	99	40	71.4	4.70		Falkland	97	54	71.8	3.73	
Olio †	98	38	67.0	0.60		Fayetteville	98	54	77.3	1.89	Caledonia	99	37	71.8	1.26		Flat Rock	98	41	69.0	2.30	
Puerto de Luna †	102	55	73.5	0.24		Goldsboro	99	50	77.6	2.93	Camp Dennison	99	49	75.5	2.20		Greensboro	96	52	75.0	3.45	
Raton †	90	36	64.6	1.82		Greenville	96	52	75.0	2.80	Canal Dover	92	39	70.0	3.45		Henderson	100	51	77.0	2.82	
Rincon †	106	39	75.5	0.31		Henderson †	100	51	77.0	3.93	Canton	98	39	72.2	3.13		Highlands	86	39	64.8	6.46	
Roswell †	102	50	73.6	1.28		Horse Cove	90	45	71.0	5.80	Cardington	97	38	69.0	1.99		Lenoir †	92	57	73.3	1.69	
San Marcial †	95	45	70.5	1.00		Littleton	102	47	76.6	5.18	Carrollton	101	35	72.5	1.12		Greensboro	96	52	75.0	8.03	
Socorro †	92	49	70.8	1.26		Louisburg	100	52	78.2	3.16	Cedarville	98	42	73.8	3.89		Lumberton	101	52	79.0	4.72	
Taos †	88	38	64.2	1.18		Lynn	96	52	73.4	3.98	Calina	101	41	73.6	3.79		Appleton	92	58	70.3	4.10	
<i>New York.</i>						Mocksville	94	54	74.3	4.73	Cherry Fork	101	41	73.6	3.79		Arkwright	84	66	71.4	2.09	
Addison	96	41	68.8	4.15		Moncure	99	52	75.6	4.28	Circleville	101	44	74.9	2.55		Baldwinsville	92	48	71.4	2.09	
Akron	92	44	71.8	2.48		Morganston	96	61	74.1	2.54	Circleville †	101	44	74.9	2.55		Bedford	94	44	69.3	4.57	
Alfred Center	96	42	69.3	4.69		Mount Airy	98	46	71.7	4.09	Clarksville	97	43	73.6	3.83		Big Sandy	90	50	67.2	4.60	
Angelica †	93	38	65.8	4.10		Mount Pleasant	97	51	75.0	5.00	Cleveland	91	41	70.2	2.25		Binghampton	95	44	69.8	2.05	
Appleton	92	43	67.0	1.03		Murphy	97	51	72.0	2.10	Clifton	101	39	74.0	3.09		Bovina Center	92	44	69.2	2.91	
Arcade	94	42	67.2	4.04		Newbern	99	54	77.2	5.88	Coalton	104	38	78.5	5.11		Brentwood	97	40	73.5	0.80	
Arkwright	84	46	68.3	2.27		Oak Ridge	99	50	74.7	3.83	Colebrook	91	35	68.6	2.04		Brookfield	92	44	71.8	1.90	
Baldwinsville	92	48	71.4	2.09		Pantego	101	64	79.0	3.26	Cynthiana	96	45	73.7	2.63		Brooklyn	95	54	72.1	3.06	
Bedford	94	44	69.3	4.57		Pittsboro	97	47	73.0	7.00	Dayton	99	48	75.1	3.48		Charlotte	88	49	65.1	2.34	
Big Sandy	10	50	67.2	4.60		Raleigh	97	62	78.1	3.15	Dayton †	101	40	73.5	3.43		Cherry Creek	92	44	67.8	4.70	
Binghampton	95	44	69.8	2.05		Rockingham	101	52	77.7	4.18	Defiance	101	40	73.5	0.80		Cooperstown	87	45	67.8	2.18	
Bovina Center	92	44	69.2	2.91		Roxboro	98	48	74.8	3.73	Demos	97	44	73.7	1.28		Cortland	80	48	70.2	1.88	
Brentwood	97	40	69.2	1.50		Rutherfordton	91	49	71.9	2.46	Dupont	92	43	70.6	0.50		De Kalb Junction	94	41	69.9	2.34	
Brookfield	92	44	71.8	1.90		Salisbury	97	53	78.5	1.86	Elyria	98	38	68.6	3.13		Demster	94	21	64.4	2.11	
Brooklyn	95	54	72.1	3.06		Saxontown	103	45	74.3	3.28	Fairport Harbor	100	41	73.3	2.21		Deposit	97	21	64.4	2.76	
Canton	94	41	69.9	2.34		Seascape	100	49	77.1	2.76	Fayetteville	97	45	73.0	3.67		Elmira	97	52	73.2	3.51	
Charlotte	10	49	65.1	2.34		Skyuka	86	54	70.5	3.46	Findlay	99	43	72.3	2.76		Cherry Creek	92	44	67.8	4.70	
Cherry Creek						Soapstone Mount	98	47	73.5	3.54	Fostoria	98	46	71.0	1.68		Cooperstown	87	45	67.8	2.18	
Cooperstown	87	45	67.8	2.18		Southern Pines	101	53	77.6	4.75	Frankfort	98	41	72.5	2.14		Cortland	80	48	70.2	1.88	
Cortland	80	48	70.2			Southport	95	52	76.7	1.82	Garrettsville	94	34	67.8	1.73		De Kalb Junction	94	21	64.4	2.76	
De Kalb Junction						Tarboro	104	48	77.8	6.00	Granville	99	37	71.5	1.99		Demster	94	21	64.4	2.11	
Demster						Waynesville	91	42	68.4	4.46	Gratto	98	41	71.7	2.70		Elmira	97	52	73.2	3.51	
Deposit						Weldon	99	51	76.1	3.72	Greenfield	98	48	74.4	1.75		Friendship	95	37	67.4	4.91	
Elmira	97	52	73.2	3.51		Willeyton	99	50	74.9	1.83	Greenhill	104	40	72.9	2.51		Glen Falls	92	45	67.4	2.87	
Fleming	89	48	70.4	3.11		<i>North Dakota.</i>					Greenville	95	46	71.4	2.78		Gloversville	91	44	68.4	2.39	
Fort Niagara	92	45	69.4	1.08		Ashley	97	58	60.5	5.90	Hackney	98	40	73.8	1.23		Hamilton	92	41	67.8	1.60	
Friendship	95	37	67.4	4.91		Berlin	96	54	60.4	4.61	Hanging Rock	98	44	73.5	2.86		Honeymead Brook	91	47	69.4	3.83	
Glen Falls	92	45	71.0	2.87		Bottineau	92	58	56.8	3.74	Hebbardsville	100	35	75.0	2.16		Humphrey	92	43	67.7	2.83	
Gloversville	91	44	68.4	3.10		Church's Ferry	92	58	58.1	2.90	Hedges	99	37	70.3	1.71		Ithaca	95	44	69.8	3.37	
Hamilton	92	41	67.8	1.60		Dickinson	95	35	57.8	3.28	Hillhouse	95	35	60.4	2.77		Jamestown	90	39	66.0	3.40	
Honeymead Brook	91	47	69.4	3.83		Ellendale	97	34	66.3	3.31	Hillsboro	108	40	72.9	2.51		Kings Station	90	39	66.0	3.40	
Humphrey	92	43	67.7	2.83		Fargo	96	34	61.0	4.81	Hiram	98	40	70.0	1.44		Le Roy	94	47	69.6	3.68	
Ithaca	95	44	69.8	3.37		Forman	95	32	61.8	4.46	Jacksonboro	101	48	74.7	5.40		Jamestown	90	39	67.8	2.11	
Jamestown	90	46	70.1			Fort Berthold	92	34	60.4	4.19	Kenton	98	45	73.0	2.03		Kings Station	90	39	66.0	3.40	
Kings Station						Fort Yates	92	34	64.0	4.32	Kilbourne	95	40	72.2	2.44		Le Roy	94	47	69.6	3.68	
Lebanon Springs	90	43	68.2	3.32		Gallatin	94	33	59.3	5.49	Killbuck	102	36	74.3	2.15		Lowville	90	40	67.4	2.37	
Le Roy	94	47	69.6	3.68		Grafton	91	33	58.2	4.70	Leipsic	100	40	70.9	1.85		Lyons	91	49	70.7	3.39	
Lowville	90	40	67.4	1.69		Jamestown	90	35	58.0	4.71	Levering	98	30	68.5	4.15		Madison	91	47	69.4	2.76	
Lyons	91	49	70.7	3.39		Kelso	90	35	62.6	5.04	Logan	104	45	74.9	5.26		McConnellsville	99	42	73.7	4.78	
Madison Barracks	92	43	68.9	1.77		Laramore	94	34	59.4	3.52	Lordstown	96	35	72.2	1.06		Marietta	97	45	73.6	1.86	
Malone	86	45	69.9	3.09		Lemert	95	32	59.4	3.52	Lowell	103	45	73.7	1.23		Marietta	97	45	73.6	2.37	
Manhattan Beach	95	53	67.8	2.37		McKinney	97	33	58.6	4.25	Montgomery	97	42	70.5	1.02		Minnewaska	89	47	69.2	0.97	
Minnewaska	89	47	69.3	3.31		Milton	95	34	57.4	5.80	Napoleon	102	45	73.0	1.08		Mount Morris	90	35	67.8	1.75	
Mount Morris	100	48	70.5	2.67		Minto	97	35	61.3	4.38	New Alexandria	100	45	74.1	1.65		New Paris	102	50	77.3	4.25	
Rome	90	45	68.4	2.05		Napoleon	95	35	59.5	5.25	New Waterford	96	35	66.6	2.89		North Lewisburg	98	40	71.4	8.00	
Romulus	94	48	70.8	3.39		Newell	90	35	57.7	3.82	North Royalton	92	30	70.2	4.01		North Royalton	92	30	70.2	4.01	
Rose	90	41	67.7	3.07		Ortoway	95	30	57.9	2.50	Norwalk	100	29	69.5	2.36		North Royalton	92	30	70.2	4.01	
Saranac Lake	92	41	67.0	3.25		Ohio	95	40	72.1	1.97	Oberlin	95	28	70.3	2.44		North Royalton	92	30	70.2	4.01	
Saratoga Springs	93	50																				

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Ohio—Cont'd.</i>						<i>Oregon—Cont'd.</i>						<i>Pennsylvania—Cont'd.</i>					
Sidney <i>b</i>	100	45	73.4	8.05	Ins.	Sparta	88	27	56.4	0.26	Ins.	Williamsport	94	48	71.2	4.99	Ins.
Springboro						Springbrook	97	39	62.4	0.16		York <i>t</i>	96	47	71.9	3.10	
Stoutsville						Springfield <i>*d</i>	94	50	66.7	0.55		Bristol	88	48	66.6	3.06	
Sylvania	98	41	71.8	1.56		The Dalles <i>t</i>	101	40	66.8	0.00		Kingston	95	49	66.2	3.83	
Thurman	104	42	74.9	3.00		Tillamook Rock L. H. <i>t</i>						Lonsdale					3.55
Tiffin <i>t</i>	96	45	72.4	1.96		Toledo	88	84	57.2	0.00		Pawtucket	93	49	68.0	2.49	
Upper Sandusky	98	44	72.0	5.41		Umatilla <i>t</i>						Providence <i>a</i>	98	52	71.6	2.66	
Vanceburg	97	46	73.9	2.89		Vale	96	29	61.8	0.01		Providence <i>c</i>	94	49	67.6	2.76	
Van Wert	100	45	72.0	2.80		West Fork <i>*s</i>	106	46	64.9	0.00							
Vermillion	94	48	70.1	1.73		Weston	94	34	62.4	0.11							
Vickery	94	43	70.3	1.40		Williams	94	37	61.8	0.07							
Walnut						<i>Pennsylvania.</i>						<i>South Carolina.</i>					
Warren	101	36	70.3	8.60		Altoona	99	58	75.5	3.75		Allendale <i>t</i>	104	55	79.4	1.94	
Warsaw	102 ^a	39 ^a	73.2 ^a	8.05		Aqueduct	104	47	74.9	1.65		Anderson <i>t</i>			0	0	0.80
Waunseen	100	42	72.6	0.64		Beaver Dam <i>t</i>						Batesburg <i>t</i>	103	50	78.9	2.35	
Waverly	102	43	73.3	1.84		Bethlehem						Blackville <i>t</i>	102	55	80.0	2.88	
Waynesville						Blooming Grove <i>*1</i>	97	51	70.3	2.99		Camden <i>t</i>			7.04		
Weingarten	96	35	69.4	4.34		Brookville <i>t</i>						Central <i>t</i> ²	98	53	78.5	2.36	
Westerville	96	40	73.1	3.02		Browns Lock						Cheraw <i>a</i> ²	104	53	78.5	3.63	
Wheeler <i>t</i>						Carlisle	100	47	73.0	2.62		Conway <i>t</i>			3.54		
Willoughby						Cassandra	98	50	70.6	3.65		Darlington <i>*1</i>	102	61	79.9	3.46	
Wooster <i>a</i>	98	35	69.9	4.20		Center Hall						Edisto <i>t</i>					
Wooster <i>b</i> <i>t</i>						Chambersburg <i>t</i>	96	44	71.0	9.21		Efingham <i>t</i>			8.63		
Youngstown	98	40	72.1	3.80		Clarion <i>t</i>						Florence <i>t</i>	103	56	80.6	3.26	
Zanesville <i>t</i>						Coatesville	96	50	72.4	4.27		Georgetown <i>t</i>	95	57	77.4	9.12	
<i>Oklahoma.</i>						Confidence <i>t</i>						Gillisonville <i>t</i>	102	51	79.0	2.60	
Alva <i>t</i>	104	50	75.8	5.28		Coopersburg	91	50	71.2	2.40		Greenville <i>t</i>	94	52	75.4	3.07	
Arapaho <i>t</i>	101	49	76.2	5.90		Davis Island Dam <i>t</i>						Greenwood <i>t</i>	102	56	79.4	1.88	
Britton <i>t</i>						DoylesTown						Hartdeeville <i>t</i>	96	57	78.6	1.89	
Burnett <i>t</i>	96	50	76.0	4.68		Dritton	92 ^a	49 ^a	68.0 ^a	1.77		Holland <i>t</i>	97	51	77.0	1.88	
Clifton <i>t</i>	102	51	78.6	10.32		Dubois <i>t</i>						Kingstree <i>a</i> ²	105	57	78.8	4.48	
Endl <i>t</i>	104	58	77.6	6.73		Duncannon						Kingstree <i>b</i> ²			4.45		
Fort Reno <i>t</i>	99	53	76.4	2.41		Dyberry <i>t</i>	91	40	67.7	3.10		Little Mountain	104	56	78.5	1.90	
Fort Sill	98	51	76.8	3.02		East Mauch Chunk	98	45	71.5	1.74		Longshore <i>t</i>	98	54	77.6	2.36	
Guthrie <i>t</i>	102	57	78.8	5.07		Easton	95	50	72.5	8.10		McCormick <i>*1</i>	105	60	79.2	5.35	
Koekuk Falls <i>t</i>	102	56	79.0	6.87		Edinboro <i>*1</i>	90	40	68.9			Manning <i>*2</i>	101	58	80.2	4.10	
Mangum <i>t</i>	98	54	78.1	11.54		Ellwood Junction <i>t</i>						Mount Carmel <i>t</i>			1.69		
Norman <i>t</i>	104	53	80.7	5.84		Emporium	96	43	69.8	4.08		Pinolopis <i>*1</i>	92	63	77.1	2.51	
Ponca <i>t</i>	105	54	78.5	7.04		Forks of Neshaminy <i>*1</i>	90	62	72.1	4.72		Port Royal <i>t</i>	97	61	80.9	3.28	
Pond Creek <i>t</i>	104	51	75.6	6.36		Frederick						Red Hill <i>*2</i>			7.34		
Prudencet						Freeport <i>t</i>						Ridgeaway <i>t</i>	96	57	78.5	5.35	
Sac and Fox Agency <i>t</i>	98	46	78.2	6.05		Gettysburg <i>t</i>	95	47	71.3	3.10		St. George <i>t</i>	100	58	79.3	2.82	
Stillwater <i>t</i>	103	56	77.8	4.61		Girardville						St. Matthews <i>t</i>	100	56	79.3	2.84	
Winnview <i>t</i>	100	52	77.1	4.81		Grampian	100	46	72.3	2.87		St. Stephens <i>t</i>			2.20		
<i>Oregon.</i>						Greensboro <i>t</i>						Santuck <i>t</i>	96	54	76.1		
Albany <i>a</i>	94	40	62.6	0.35		Greenville	95	36	69.3	3.26		Shaws Fork <i>*1</i>	104	56	79.5		
Arlington <i>t</i>	96	40	67.6	0.00		Hamburg	99	50	72.8	2.56		Society Hill <i>t</i>	97	55	76.0	4.30	
Ashland <i>b</i>	97	36	63.0	0.54		Hollidaysburg	101 ^a	43 ^a	71.8 ^a	4.84		Spartanburg <i>t</i>	101	54	78.2	2.20	
Aurora <i>*8</i>	97	50	68.0	1.69		Honesdale	93	49	69.5	2.07		Statesburg <i>t</i>	97	57	77.6	4.90	
Aurora (near)	94	37	60.0	0.65		Huntingdon <i>a</i>	99	43	71.4	4.78		Trenton	99	61	80.1	2.84	
Baker City						Huntingdon <i>b</i>						Trial <i>t</i>	99	54	77.8	2.06	
Bandon	65	41	56.4	0.53		Johnstown <i>t</i>	102	46	71.6	4.50		Yorkville	98	56	77.0	3.10	
Beulah <i>t</i>	94	23	60.6	0.14		Kennett Square	95	51	72.4	4.40		<i>South Dakota.</i>					
Brownsville <i>*8</i>	92	48	66.4	0.26		Lancaster	96	49	72.5	2.18		Aberdeen <i>t</i>	88	40	63.4	7.53	
Canyon City	99	34	62.9			Lansdale						Alexandria <i>t</i>	92	37	64.7	3.82	
Cascade Locks	98	43	64.6	0.43		Lebanon	97	48	72.2	1.88		Ashcroft <i>t</i>	89	38	59.7	2.82	
Comstock <i>*3</i>	97	46	62.4	0.19		Le Roy <i>t</i>	92	47	69.8	3.69		Bowdrie <i>t</i> ²	97	37	63.5	4.89	
Condron	96	30	61.7			Lewisburg	97	45	72.0	4.18		Brookings <i>t</i>	95	37	64.0	3.84	
Corvallis <i>a</i>	93	37	60.8	0.28		Lock Haven <i>t</i>	103	46	73.5	4.83		Buffalo Gap <i>*1</i>	92	40	62.3	2.50	
Corvallis (near)	92	37	62.1	0.17		Lock No. 4 <i>t</i>						Castlewood <i>t</i>	91	33	63.7	3.19	
Cruck	99	19	55.6	0.09		Lyciopus	100	44	73.1	3.07		Cross <i>t</i>	88	28	54.6	6.28	
Dayville <i>t</i>	94	36	61.7	T.		Mahoning <i>t</i>						De Smet <i>t</i>	88	27	58.4	3.71	
Detroit <i>t</i>	101	35	61.4	0.63		Mifflin						Edgemont			2.76		
Eugenet <i>t</i>	90	40	60.8	0.83		Oil City <i>t</i>						Farmingdale			4.16		
Fife <i>t</i>	88	24	58.3	T.		Ottsville						Faulton <i>t</i>	89	31	63.1	4.50	
Glenora	98	35	58.2	0.96		Parker <i>t</i>						Flandreau <i>t</i>	88	37	64.6	5.28	
Grants Pass <i>a</i>	101	34	63.0	0.00		Philadelphia <i>a</i>						Forestburg <i>t</i>	88	41	66.1	8.45	
Happy Valley <i>t</i>	92	23	55.6	0.01		Philadelphia <i>b</i>	98	64	73.8	3.48		Fort Meade	88	40	59.9	5.03	
Heppner <i>t</i>	98	38	61.8	0.04		Phoenixville						Gary <i>t</i>	88	29	63.8	2.41	
Hood River (near) <i>t</i>	99	40	61.4			Point Pleasant						Greenwood	88	42	67.2	6.56	
Hubbard	91	40	60.0	0.83		Pottstown	99	52	73.6	3.48		Higmore <i>t</i>	88	42	63.8	3.73	
Irvington <i>*</i>	94	44	62.1	0.16		Quakertown	96	46	72.2	3.47		Hitchcock	82	41	64.8	3.75	
Jacksonville	93	36	63.3	0.02		Reading <i>s</i>						Hotch City <i>t</i>	87	30	64.3	4.38	
Joseph <i>t</i>	97	33	64.0	0.30		Ridgway <i>t</i>						Ipswich <i>*1</i>	88	40	64.3	6.60	
Junction City <i>*8</i>	93	42	62.8	0.08		Saegestown	97	32	67.4	0.69		Kimball <i>t</i>	87	48	65.4	3.48	
Klamath Falls	94	27	64.0	0.00		Salem Corners	92	50	70.9	1.15		Leslie <i>t</i>	103	41	68.2	3.67	
Lafayette <i>*8</i>	100	48	67.4	0.02		Somerset	98	42	78.5	2.80		Mellette <i>t</i>	88	40	64.8	5.28	
La Grande <i>t</i>	94	35	60.0	0.05		South Bethlehem	97	52	72.8								

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Tennessee—Cont'd.	°	°	°	In.	In.	Texas—Cont'd.	°	°	°	In.	In.	Virginia—Cont'd.	°	°	°	In.	In.
Ashwood +†	97	60	77.4	0.70		Midland +	105	48	76.3	2.89		Manassas	°	50	5.44		
Bolivar +	95	54	78.3	0.93		Mount Blanco +	96	49	71.6	5.22		Mariou +	94	45	70.7	4.92	
Bristol +	91	46	68.9	3.48		New Braunfels +	92	62	78.1	9.39		Monterey +	90	42	66.4	1.07	
Brownsville +	102	53	79.6	2.69		Orange +†	92	62	73.7	3.19		Nottoway	104	46	76.2	3.88	
Byrdstown +	98	56	74.6	2.37		Panter +†	99	70	78.0	11.33		Petersburg +	101	48	74.6	1.35	
Carthage +				2.26		Paris +	91	57	77.7	8.51		Radford +				3.30	
Clarksville +	94	57	76.0	2.77		Roby +	103	47	75.6	4.81		Richmond (near) +	108	48	77.0	2.07	
Clinton +				3.55		Rockport +†	94	73	84.1			Richmond b†				1.68	
Columbia +				0.78		Rock Springs +	72	80.5	1.75			Rockymount +	99	50	74.9	3.81	
Covington b†	101	60	79.9	2.33		Round Rock +†	94	64	81.3	5.61		Salem +	92	52	73.6	2.31	
Dyersburg +	100	55	79.2	0.73		Runge +	96	62	80.8	1.98		Saltville +	94	45	70.0	3.92	
Elizabethon +	102	50	74.6	3.32		San Antonio +	96	62	78.0			Smithville +	98	48	69.8	2.06	
Fairmount +	98	58	71.5			San Marcos +†	92	71	82.6	6.68		Spotsylvania +	100	47	75.9	3.48	
Florence +	97	55	76.2	1.97		San Marcos b†	92	71	82.6	6.68		Stanardsville +	97	49	74.2	4.30	
Franklin +	96	50	74.6	0.90		Sierra Blanca +	98	50	77.4	0.00		Staunton +	96	47	71.7	5.76	
Greeneville +	95	49	72.8	2.33		Sulphur Springs +	100	54	80.9	6.76		Stephens City +	101	48	74.4	5.21	
Hohenwald *†‡	50	71.2	1.46			Temple +	93	60	77.8	4.07		Sunbeam +	98	50	75.6	5.16	
Jacksboro +	94	51	71.0	2.03		Tyler +	96	58	78.4	5.70		Warsaw +	98	51	76.1	1.73	
Jackson +	95	54	76.8	2.43		Victoria +						Westbrook Farm +	24	50	73.8		
Johnsonville +				3.08		Waco +	96	60	80.4	7.03		Washington +					
Loudon +				5.30		Weatherford +	94	57	77.8	7.28		Aberdeen +	24	38	58.0	0.63	
Lynville +†	98	57	74.8	1.62		Wichita Falls +	99	47	75.4	8.30		Anacortes +				1.14	
McMinnville +	97	53	75.8	2.30		Blue Creek +†	92	40	69.3	0.20		Ashford +				1.64	
Milan +	100	55	77.7	0.77		Brigham City +	103	39	70.7	0.42		Bridgeport +	103	36	69.2	T.	
Mount Carmel +	92	50	75.4	2.73		Cisco +	97	36	75.5	0.35		Cascade Tunnel +	90	32	51.4	1.32	
Newport +†	100	52	75.2	2.92		Corliss +†	90	34	64.2	T.		Colfax +	91	31	58.8	0.30	
Nunnally +†	95	60	76.4	3.13		Deseret +	99	29	61.4	0.50		Ellensburg +	92	35	60.3	T.	
Palmetto +				2.03		Fillmore +	90	30	60.4	1.02		Ellensburg (near)	124	36	64.8	T.	
Parksville +†	96	55	74.8	4.57		Fort Duchesne +	105	35	60.4	0.12		Fort Simeco +	93	37	65.6	T.	
Ridgleton +	95	58	78.5	3.50		Giles +	102	34	71.6			Fort Spokane +	99	30	62.4	T.	
Rockwood +				2.18		Green River +	102	34	71.6			Grand Mound +	92	35	60.5	0.19	
Rogersville +†	96	56	69.7	1.71		Grouse Creek +†	87	35	56.2	0.35		Hunters +	91	34	51.6	0.30	
Ruby +†	92	59	75.3	1.92		Grover +†	85	30	55.6	0.80		Kennewick +					
Savannah +	96	58	72.2	4.10		Heber +	95	25	57.6	0.35		Lakeside +	95	40	60.0	T.	
Sewanee +	98	58	72.2	2.45		Huntsville +	99	50	69.8	0.00		Lapush +	91	40	55.4	1.66	
Springdale +†	100	46	73.2	2.25		Keeton +†	89	50	55.8	0.90		Madrone +†	97	37	58.9	0.21	
Trenton +	95	56	75.5	1.81		Koosharem +	85	50	63.5	0.28		Mayfield +	95	38	60.7	0.89	
Tulahoma +†	92	51	71.6	5.30		Levan +	91	32	63.5	0.28		Monte Cristo +	92	34	57.2	2.24	T.
Waynesboro +†	96	52	73.2	3.68		Manti +	100	38	71.5	0.07		Moxee Valley +	102	31	66.9	T.	
Texas.						Millville +	99	36	68.6	0.12		New Whatcom +	80	35	58.2	0.84	
Albany +†	88	53	74.8	7.03		Moab +	99	36	68.6	0.12		Oiga +	81	43	58.1	1.07	
Angleton +	95	65	80.9	5.13		Moroni +						Pine Hill +	96	40	63.1	T.	
Arthur City +				8.10		Mount Pleasant +†	90	38	68.1	0.00		Pomeroy +	20	44	63.0	0.11	
Aurora +†	98	68	77.9	6.94		Ogden +*	92	40	66.6	0.68		Pullman +	90	36	58.2	0.18	
Austin a +	96	68	82.7	1.80		Orton +	91	24	57.0	1.50		Rosalia +	88	38	58.0	0.87	
Austin b +*	90	63	76.9			Pahreah +	97	41	73.6	1.50		Silver Creek +	94	36	56.2	1.18	
Bolton +	93	59	80.7	5.95		Parowan +	91	31	61.7	0.06		Snohomish +	88	39	60.0	1.32	
Boerne +†	92	63	78.0	4.76		Promontory +†	99	50	70.8	0.00		South Bend +	102	39	60.1	0.53	
Brady +	97	52	77.7	2.83		Provo City +						Stampede +	90	31	56.4	1.02	
Brazoria +	91	60	80.0	7.36		St. George +	106	35	72.5	0.04		Stillaguanish +	94	36	58.1	0.81	
Brenham +	94	64	81.0	7.07		Scipio +	93	27	62.8	0.33		Sunnyside +	101	33	68.2	0.03	
Burnet +†	90	65	79.9	2.18		Snowville +	89	23	57.0	0.17		Tacoma +	89	39	59.3	0.20	
Camp Eagle Pass +	105	60	84.8	3.40		Soldier Summit +	87	18	52.6	0.29		Union City +	89	38	62.1	0.23	
Chillicothe +	100	55	79.0	6.90		Terrace +†	90	47	72.6	0.50		Waterville +	91	36	61.3	0.00	
Coleman +*	69	75.1	6.46			Thistle +	88	27	58.6			Wenatchee Lake +	95	35	58.5		
College Station +	90	60	77.0	5.25		Vernal +	90	31	61.4	0.53		West Ferndale +	90	38	59.9	1.17	
Columbia +	93	64	80.9	6.88		Vermont.						West Virginia.					
Corsicana a +†	94	59	70.6	6.18		Brattleboro +	96	44	70.2	3.88		Beverly +	100	38	72.4	4.36	
Corsicana b†	97	58	78.6	5.58		Burlington +	90	53	72.9	2.78		Bloomery +	93	43	67.3	3.28	
Cuero +	97	61	81.8	8.50		Chester +†	86	53	66.5	2.60		Bluefield +	98	42	70.1	3.84	
Dallas +	97	57	78.7	8.00		Cornwall +	93	45	69.0	2.10		Buckhannon +†				2.53	
Deant +	97	42	71.2	4.84		Enosburg Falls +	89	44	68.8	4.14		Burlington +	97	39	69.3	4.84	
Devine +	96	54	73.2	2.01		Hartland +	80	40	65.5	2.08		Charleston +	102	43	73.0	2.82	
Durham +				8.78		Irasburg +	90	43	66.2	4.14		Cloverdale +				1.83	
Duval +†	95	67	82.5	4.56		Jacksonville +	87	36	62.6	2.99		Dayton +*	97	54	78.2	3.07	
Estelle +	95	57	78.4	8.31		Norwich +*	89	49	65.8	2.95		Elkhorn +	94	45	69.7	4.27	
Flower Bluff +	93	63	81.0	1.89		St. Johnsbury +	88	44	67.4	2.98		Ella +	100	46	75.3	1.63	
Forestburg +	93	58	74.4	5.07		Simonsville +	86	37	63.1	1.87		Fairmont +				4.08	
Fort Brown +	97	59	80.4	0.70		Strafford +†	96	56	66.2	2.17		Glenville +	94	45	71.4	1.86	
Fort Clark +	103	68	81.6	2.10		Vernon +*	98	56	71.0	2.44		Grafton +	99	46	72.0	4.58	
Fort Hancock +	105	40	75.6	0.34		Wells +	90	46	69.4	2.81		Green Sulphur +	98	47	71.0	2.53	
Fort McIntosh +	100	65	84.0	1.65		Woodstock +	94	42	69.0	2.09		Harpers Ferry +				4.35	
Fort Ringgold +	98	63	82.0	5.73		Vermont.						Hewett +	98	49	74.8	3.23	
Fort Stockton +				2.82		Abingdon +	102	62	70.3	3.73		Hinton +†	97	40	69.4	2.50	
Fort Worth +	94	58	78.2	8.63		Alexandria +	98	47	75.0	2.95		Hinton b†	97	40	69.4	1.58	
Fredericksburg +†	92	56	77.0	3.40		Ashandt +	102	46	74.1	3.28		Madison +	93	47	70.6	5.66	
Gainesville +	95	56	77.6	8.79		Avon +											

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.						
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.					
<i>Wisconsin.</i>																
Amherst.....	90	40	67.2	1.82		Wisconsin—Cont'd.	°	°	°	Ins.	Ins.					
Antigo †.....	90	34	67.0	3.33		Pine River†.....	°	°	°	Ins.	Ins.					
Apollonia *†.....	88	41	68.0	4.36		Port Washington.....	90	45	65.8	2.50						
Baron †.....	86	35	64.0	4.87		Prairie du Chien.....	90	38	69.3	1.87						
Bayfield.....	90	35	60.1			Racine *.....	86	47	64.7							
Beaver Dam.....	92	42	69.7	1.41		Royalton.....	93	37	68.3	1.92						
Belleville.....	91	40	68.3	3.18		Sharon †.....	95	30	70.2	8.15						
Beloit.....	95	45	72.9	2.10		Shawano.....	92	39	66.7	1.63						
Berlin.....	92	45	70.6	1.94		Sheboygan *†.....	93	46	65.6							
Black River Falls†.....	92	33	67.2	3.42		Spooner †.....	88	39	65.0	1.88						
Butternut †.....	91	31	65.2	5.38		Stevens Point†.....	90	40	70.2	3.76						
Centralia.....	91	42	68.9	4.07		Sturgeon Bay Canal *†.....	77	46	60.3							
Chilton.....	95	35	68.8	1.13		Two Rivers *†.....	78	48	62.6							
Chippewa Falls†.....			5.48			Valley Junction †.....	92	34	66.8	2.50						
City Point.....	88	34	67.2	3.52		Viroqua.....	90	49	68.4	3.08						
Crandont.....	98	33	64.5	3.67		Watertown †.....	93	41	71.9	1.64						
Delavan †.....	93	39	69.4	2.03		Waukesha †.....	92	40	69.2	2.29						
Depere †.....	91	39	69.1	3.65		Waupaca †.....				3.02						
Eau Claire.....	89	37	67.9	5.00		Wausau †.....	88	44	68.1	2.81	5.2					
Florence †.....	90	35	61.2	4.08		West Bend.....	92	40	68.4	2.10						
Fond du Lac †.....	93	38	69.4	0.69		Westfield †.....	93	40	70.0	1.44						
Grantsburg †.....	89	38	65.4	5.09		Whitehall †.....	91	37	65.8	4.40						
Hartford.....			2.25			<i>Wyoming.</i>										
Harvey †.....	94	88	69.3	2.50		Fort Laramie †.....	92	39	60.7	3.73						
Hayward †.....	95	40	69.4	7.74		Fort Washakie.....	85	30	55.6	1.91						
Hillsboro.....	90	38	66.0	2.01		Fort Yellowstone †.....	81	29	51.1	2.71						
Janesville †.....	92	47	70.3	1.23		Laramie.....	78	26	52.2	2.12						
Kenosha *†.....	54	71.4				Lusk.....	91	32	58.5	3.24						
Koepenick *†.....	88	40	64.4	2.10		Sheridan.....	94	35	56.6	3.19						
Lancaster †.....	92	46	71.2	2.24		Sundance.....	82	34	55.6	5.25						
Lincoln †.....			71.8	2.80		Wheatland.....	95	35	61.8	3.20						
Madison †.....	90	45	71.2	0.59		<i>Mexico.</i>										
Manitowoc †.....	90	48	62.2	1.49		Ciudad P. Diaz.....	89	67	84.7	2.60						
Meadow Valley †.....	90	38	67.5	2.47		Leon de Aldamas.....	92	57	72.8	2.61						
Medford †.....	94	37	67.3	4.98		Mexico.....	82	52	65.8	4.71						
Neillsville †.....	91	37	64.4	2.18		Puebla.....	86	53	69.4	2.99						
Oconomowoc †.....	93	41	69.6	1.80		Topolobampo *†.....	100	72	84.6	0.00						
Oconto.....	93	36	65.6	2.52		New Brunswick.....										
Osceola †.....	93	49	65.9	4.81		St. John.....	82	42	57.3	2.08						
Pepin.....	90	48	66.8	4.06		<i>Pressure.</i>										

TABLE III.—*Data from Canadian stations for the month of June, 1895.*

Stations.	Pressure.			Temperature.			Precipitation.			Stations.	Pressure.			Temperature.			Precipitation.		
	Mean not re- duced.	Mean reduced.	Departure from normal.	Mean.	Departure from normal.	Total.	Departure from normal.	Precipitation.	Mean.		Mean not re- duced.	Mean reduced.	Departure from normal.	Mean.	Departure from normal.	Total.	Departure from normal.	Precipitation.	
<i>Inches.</i>																			
St. Johns, N. F.....	29.92	30.07	+ .10	46.6	- 4.8	3.60	°	Inches.	Inches.	Saugeen, Ont.....	29.35	30.05	+ .11	68.4	0.88	- 1.49	w.		
Sydney, C. B. I.....	30.04	30.10	+ .07	56.7	+ 2.2	0.24	+ 3.45	ne.	29.36	30.03	+ .10	65.2	0.89	- 0.89	w.				
Grindstone, G. of St. L.....	29.98	30.01		54.8		0.83		sw.	29.28	29.96	+ .05	57.6	1.32	+ 0.08	e.				
Sable Island.....	30.06			52.7		2.70		ne.	29.11	29.92	+ .07	58.7	1.33	- 0.85	n.				
Halifax, N. S.....	29.96	30.09	+ .15	54.0	+ 1.5	1.82	- 2.08	sw.	29.18	29.90	- .08	36.2	2.94	- 0.48	nw.				
Grand Manan, N. B.....	30.02	30.07		57.2		1.36	- 0.84	w.	27.70	29.92	+ .10	55.1	2.87	- 0.48	nw.				
Yarmouth, N. S.....	30.02	30.10	+ .07	56.9	+ 1.9	2.33	+ 0.19	s.	27.68	29.91	+ .12	59.7	2.81	- 0.72	w.				
St. Andrews, N. B.....	30.00	30.05		53.2		1.85	- 1.22	se.	27.41	29.95	+ .13	56.8	3.02	- 0.53	w.				
Charlottetown, P. E. I.....	30.03	30.06		60.4		0.59	- 2.16	x.	26.43	29.91	- .06	54.3	1.97	- 0.37	w.				
Chatham, N. B.....	30.03	30.04	+ .14	62.2	+ 5.2	2.57	- 1.72	xw.	26.42	29.90	- .08	55.9	2.03		n.				
Father Point, Que.....	29.98	30.01	+ .15	55.0	+ 2.0	3.86	+ 1.17	e.	26.42	29.94	- 1.12	56.2	1.33	+ 0.20	nw.				
Quebec, Que.....	29.93	30.00	+ .11	64.4	+ 3.9	5.20	+ 1.83	ne.	26.20	29.89		58.0	2.29		nw.				
Montreal, Que.....	29.80	30.00	+ .10	63.2	+ 4.7	3.74	+ 0.35	sw.	26.20	30.00		63.0	0.27		w.				
Rockcliffe, Ont.....	29.48	29.98	+ .08	64.4	+ 6.4	2.47	+ 0.12	nw.	26.08	30.14	+ .02	75.0	6.89		s.				
Kingston, Ont.....	29.72	30.03	+ .09	60.4	+ 4.4	1.18	- 1.22	sw.	26.10	30.13		54.8	0.30		sw.				
Toronto, Ont.....	29.68	30.06	+ .09	67.4	+ 5.9	0.75	- 1.97	n.	25.42	30.03		48.6	4.18		w.				
White River, Ont.....	29.68	30.00		60.3		3.84	- 1.87	s.	29.97	30.00	+ .16	52.6	5.82		se.				
Port Stanley, Ont.....	29.44	30.06	+ .11	66.6		1.13	- 1.89	c.											

EXPLANATION OF SIGNS.

* Extremes of temperature from observed readings of dry thermometer.

† Weather Bureau instruments.

‡ Record furnished by the Arrowhead Reservoir Company, in the San Bernardino Mountains, San Bernardino County, Cal., at elevations varying from 4,900 to 6,900 feet.

A numeral following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:

1 Mean of 7 a. m. + 2 p. m. + 9 p. m. + 9 p. m. + 4.

2 Mean of 8 a. m. + 8 p. m. + 2.

3 Mean of 7 a. m. + 7 p. m. + 2.

4 Mean of 6 a. m. + 6 p. m. + 2.

5 Mean of 7 a. m. + 2 p. m. + 2.

6 Mean of readings at various hours reduced to true daily mean by special tables.

7 Mean from hourly readings of thermograph.

8 Mean of 7 a. m. + 2 p. m. + 9 p. m. + 4.

9 Mean of sunrise and noon.

10 Mean of sunrise, noon, sunset, and midnight.

The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers.

An italic letter following the name of a station, as "Livingston a," "Livingston b," indicates that two or more observers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance, "14" denotes 14 days missing.

No note is made of breaks in the continuity of temperature records when the same do not exceed two days. All known breaks, of whatever duration, in the precipitation record receive appropriate notice.

NOTE.—The following changes have been made in names of stations: Minnesotah, Marfield changed to Mount Iron. Washington, Ferry changed to Mayfield.

TABLE IV.—Mean temperature for each hour of seventy-fifth meridian time, June, 1895.

Stations.	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Midnight.	Mean.
Abilene, Tex.	73.1	71.4	70.5	70.0	68.9	68.0	67.9	69.4	72.9	75.1	77.6	80.0	81.9	84.0	85.1	85.6	86.6	85.4	84.8	82.9	79.3	76.4	74.8	72.9	76.8
Albany, N. Y.	66.5	65.8	65.3	64.6	64.0	65.0	66.9	69.4	72.1	74.6	76.8	78.3	79.4	80.2	80.4	80.1	79.2	77.8	75.3	71.4	69.9	68.4	67.3	72.2	72.2
Alpena, Mich.	59.0	58.0	57.4	57.0	56.9	58.1	61.0	62.8	64.3	65.2	66.8	67.0	67.6	68.3	68.6	67.2	66.9	66.2	65.1	63.2	62.4	61.6	60.1	59.5	62.9
Amarillo, Tex.	63.9	63.5	62.5	61.9	61.1	60.3	60.3	61.6	64.8	67.5	70.0	72.4	74.2	76.4	77.8	77.9	78.1	78.2	76.7	73.5	70.7	68.1	66.2	65.4	68.9
Atlanta, Ga.	72.6	71.7	70.9	70.5	69.5	68.9	69.4	72.5	74.1	76.9	79.3	80.6	82.0	82.5	83.4	83.2	82.8	82.8	80.9	78.6	76.7	75.6	74.2	73.3	76.4
Augusta, Ga.	72.3	71.0	69.7	69.9	69.2	68.2	70.6	74.0	76.9	80.0	82.4	84.4	85.6	86.7	87.7	87.5	86.4	84.6	82.9	80.2	77.8	76.2	74.7	73.4	77.9
Baker City, Oreg.	54.5	52.6	50.6	49.4	48.0	46.8	45.5	45.8	48.8	53.6	57.9	60.9	63.5	65.5	67.0	68.7	69.3	68.4	68.2	67.2	64.6	60.5	57.4	58.5	58.5
Baltimore, Md.	60.3	68.7	67.9	67.6	66.9	67.3	69.0	72.1	73.7	75.5	77.0	78.7	80.1	80.4	80.5	80.2	79.4	78.2	77.2	75.4	73.8	72.2	71.0	69.8	73.8
Bismarck, N. Dak.	53.8	52.6	51.7	50.7	49.5	49.3	50.6	54.0	57.1	59.9	62.5	65.3	66.6	67.4	68.3	69.1	69.0	67.6	65.9	62.9	59.3	57.1	55.6	59.7	59.7
Boston, Mass.	63.6	63.1	62.9	62.3	62.0	62.6	64.0	65.7	67.0	67.9	68.8	69.5	69.8	69.3	69.1	68.2	68.9	68.0	67.1	66.2	65.8	64.6	64.1	66.3	66.3
Buffalo, N. Y.	64.9	64.4	63.8	63.5	62.8	63.5	65.8	67.6	68.8	70.7	72.1	73.8	74.2	74.2	74.7	74.9	74.5	73.4	72.1	70.3	69.1	67.9	67.1	66.1	69.1
Charleston, S. C.	74.7	72.2	73.7	73.0	72.8	72.6	74.3	76.6	79.5	81.6	82.8	83.9	84.0	84.2	83.5	83.2	83.2	83.0	79.4	77.3	75.8	76.2	75.4	78.3	78.3
Charlotte, N. C.	70.5	69.7	68.7	67.6	66.9	67.2	69.0	72.2	73.4	78.1	80.3	82.1	83.7	84.3	85.3	84.6	83.7	81.8	79.7	76.9	75.4	73.9	72.5	70.9	74.9
Cheyenne, Wyo.	51.5	50.3	49.0	48.9	47.1	46.4	46.8	49.1	51.4	57.1	59.5	61.6	62.6	64.0	65.1	65.6	65.6	65.9	62.0	60.9	57.7	55.1	53.4	56.9	56.9
Chicago, Ill.	67.9	67.7	66.7	66.0	65.9	65.6	66.4	68.7	70.3	71.5	71.9	72.8	73.0	73.8	73.7	73.8	73.2	71.1	69.9	69.0	68.5	68.2	68.0	69.8	69.8
Cincinnati, Ohio	73.3	72.5	71.5	70.2	69.4	68.7	68.7	71.5	73.0	75.8	77.8	80.2	80.6	81.0	81.9	82.4	82.3	82.4	82.0	79.2	77.7	75.9	74.2	76.4	76.4
Cleveland, Ohio	68.7	66.8	65.5	64.9	64.2	63.8	64.9	68.5	70.6	71.9	72.4	73.8	74.1	74.3	74.3	74.8	74.7	74.2	73.1	72.4	70.8	69.2	67.7	70.3	70.3
Columbus, Ohio	69.9	68.6	67.5	66.3	65.4	65.1	67.0	70.2	73.5	75.6	78.2	80.6	81.9	82.6	83.0	82.7	82.0	81.0	77.6	75.5	73.6	72.3	70.9	74.8	74.8
Denver, Colo.	57.2	56.7	54.9	53.7	52.7	52.0	51.7	54.1	55.5	58.0	60.0	66.7	68.6	69.4	70.9	70.8	70.0	69.7	68.5	66.5	64.2	61.6	59.5	61.9	61.9
Des Moines, Iowa	60.2	65.2	64.3	63.5	62.9	62.4	62.5	64.7	67.2	69.8	72.2	74.2	75.7	76.7	76.5	76.4	76.8	76.2	75.7	74.6	72.4	70.5	68.8	67.1	70.1
Detroit, Mich.	66.4	65.4	64.2	63.7	63.1	62.8	63.2	64.7	68.4	70.1	73.4	74.7	76.3	77.1	78.5	78.4	77.9	77.7	76.1	73.4	71.4	69.3	67.8	66.6	71.1
Dodge City, Kans.	65.0	64.7	63.5	62.6	61.5	61.1	60.9	63.4	66.5	69.4	72.1	75.8	76.5	78.0	79.9	80.0	79.8	78.8	75.6	72.5	70.3	68.7	66.8	65.8	70.1
Duluth, Minn.	56.9	56.0	55.3	54.8	54.3	54.0	54.3	55.3	56.1	57.1	57.9	58.7	59.4	59.8	60.8	61.1	61.7	61.8	61.0	60.4	59.4	58.6	57.8	57.1	57.9
Eastport, Me.	50.6	50.4	49.5	49.3	48.6	48.0	50.2	52.1	53.9	53.5	57.2	59.1	59.5	60.0	60.1	59.9	57.5	56.4	54.3	53.7	52.5	51.7	51.1	54.8	54.8
El Paso, Tex.	73.5	71.7	70.8	69.3	67.8	66.4	65.0	66.5	70.3	74.4	77.9	81.8	83.6	85.9	88.0	88.8	88.6	88.4	87.4	85.7	83.6	79.5	76.8	74.5	77.8
Fort Smith, Ark.	71.9	70.4	69.4	68.6	68.3	67.8	68.8	71.8	73.3	75.8	78.0	79.8	81.1	81.8	82.6	83.3	82.9	82.8	81.8	79.6	77.4	75.5	74.2	72.8	75.8
Galveston, Tex.	79.2	79.1	78.9	79.0	78.8	78.8	78.7	79.5	79.6	80.1	80.8	81.8	81.7	82.1	82.2	82.0	81.5	81.2	80.7	80.2	80.0	79.8	79.6	79.3	80.3
Grand Haven, Mich.	60.6	60.7	59.2	58.3	58.1	58.4	60.9	65.8	68.1	69.7	70.5	71.6	72.8	72.5	73.4	73.5	73.7	72.5	69.9	68.8	65.5	63.2	61.8	66.7	66.7
Havre, Mont.	53.2	52.2	50.8	49.7	48.8	48.4	48.2	50.7	54.1	57.6	60.6	62.7	64.4	65.5	67.4	68.3	68.6	68.4	67.7	66.0	64.4	62.0	57.8	55.4	58.8
Helena, Mont.	53.8	52.8	51.7	50.6	49.9	49.0	48.2	49.8	51.5	53.1	55.0	56.7	59.6	61.1	62.4	63.7	64.2	63.0	63.4	62.4	60.3	57.3	55.6	56.6	56.6
Huron, S. Dak.	57.7	56.1	54.9	53.9	52.9	52.7	53.9	57.8	61.8	65.1	67.8	70.0	72.6	73.8	74.1	74.8	74.9	74.0	72.7	71.0	67.8	64.2	61.4	59.5	64.4
Independence, Cal.	70.8	68.5	66.8	65.4	64.4	62.6	61.0	60.9	66.5	69.5	72.7	75.8	78.5	80.6	81.9	83.0	83.7	83.5	83.1	81.7	78.3	74.8	72.3	72.6	72.6
Indianapolis, Ind.	70.3	68.9	67.9	66.9	65.7	65.3	67.3	70.9	72.4	75.5	79.5	81.8	83.0	83.9	85.3	85.4	85.1	85.8	82.8	79.3	76.7	74.1	71.5	75.8	75.8
Jacksonville, Fla.	74.9	74.6	74.2	73.6	73.1	72.9	74.6	77.3	79.4	81.5	84.9	87.4	87.5	88.5	88.6	88.9	88.2	88.6	88.6	87.8	86.6	85.3	83.2	81.7	85.3
Kansas City, Mo.	68.9	68.1	67.3	66.6	66.0	65.4	66.2	67.8	70.6	72.5	73.9	75.7	77.1	77.9	79.3	79.4	79.2	78.8	78.4	76.4	74.2	72.7	70.9	69.8	72.6
Key West, Fla.	80.2	80.0	79.6	79.2	79.3	79.4	80.7	82.0	82.9	83.5	83.9	84.3	84.8	84.9	84.5	84.2	84.0	82.9	82.0	81.2	80.5	80.4	80.8	81.9	81.9
Knoxville, Tenn.	70.0	68.7	67.8	67.0	66.1	65.7	67.3	70.5	72.7	75.9	78.9	81.1	80.8	81.7	82.1	82.2	82.0	81.5	81.2	80.7	80.2	80.0	79.8	79.6	80.3
Lander, Wyo.	52.3	51.1	49.2	47.9	46.7	46.3	45.8	48.0	52.1	55.0	57.9	60.1	62.8	64.4	65.2	66.9	67.6	67.5	64.8	62.8	60.5	58.3	54.7	57.1	57.1
Little Rock, Ark.	73.0	72.1	72.0	71.1	70.2	69.8	70.3	71.1	74.2	76.7	78.8	81.0	82.4	82.7	83.0	83.2	83.1	82.4	81.1	79.8	77.7	76.3	74.9	76.7	76.7
Louisville, Ky.	71.9	70.7	69.7	68.0	67.2	67.7	71.5	77.6	81.5	84.7	85.7	86.5	87.5	88.0	88.5	88.7	88.4	88.6	88.1	88.4	87.1	86.0	85.2	87.8	87.1
Lynchburg, Va.	68.3	67.6	66.7	65.7	65.0	65.8	68.6	72.2	75.2	78.4	80.7	82.0	83.1	83.8	84.5	83.6	83.6	81.6	81.4	78.8	75.3	71.8	69.4	74.7	74.7
Marquette, Mich.	57.6	57.5	56.9	55.5	54.4	53.7	55.7	60.1	61.8	64.4	67.5	70.5	73.5	76.5	78.5	80.6	81.3	81.7	78.3	74.8	71.4	69.2	66.2	70.2	70.2
Memphis, Tenn.	74.3	73.5	72.8	72.0	71.4	70.9	71.5	74.3	76.6	79.1	80.9	82.8	84.0	84.6	85.0	85.5	85.1	84.2	81.8	79.9	77.4	74.8	72.3	78.3	78.3
Milwaukee, Wis.	63.5	63.4	63.2	63.0	62.4	61.9	62.6	63.8	66.8	70.6	70.4	70.4	70.6	70.4	70.4	69.9	69.3	67.1	66.2	64.1	63.1	63.5	65.5	65.5	
Mobile, Ala.	75.0	74.7	74.8	74.0	73.6	73.6	74.1	76.9	77.7	80.2	81.3	82.4													

TABLE V.—*Mean pressure for each hour of seventy-fifth meridian time, June, 1895.*

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Arlingame, Tex.	28.224	.220	.217	.220	.224	.233	.247	.261	.269	.274	.273	.270	.265	.280	.218	.194	.172	.160	.153	.162	.176	.195	.217	.229	.221
Albany, N. Y.	29.965	.966	.969	.975	.987	.995	.002	.005	.003	.006	.005	.005	.945	.959	.936	.929	.945	.958	.963	.966	.967	.966	.967	.966	.966
Alpena, Mich.	29.369	.970	.970	.973	.980	.987	.992	.995	.993	.987	.988	.978	.975	.968	.966	.961	.953	.961	.963	.972	.977	.979	.976	.975	.975
Atlanta, Ga.	28.904	.988	.987	.989	.988	.986	.919	.988	.983	.947	.941	.935	.920	.908	.887	.874	.866	.861	.868	.878	.889	.899	.903	.903	.905
Augusta, Ga.	29.883	.878	.875	.873	.877	.889	.901	.911	.918	.910	.912	.903	.886	.867	.882	.839	.881	.829	.836	.846	.860	.873	.883	.884	.876
Baltimore, Md.	29.869	.867	.865	.870	.880	.893	.898	.904	.903	.901	.898	.899	.877	.861	.849	.841	.835	.837	.848	.847	.860	.867	.870	.869	.871
Bismarck, N. Dak.	28.282	.238	.239	.242	.248	.249	.253	.252	.251	.248	.248	.241	.235	.239	.223	.215	.209	.209	.213	.219	.230	.238	.239	.234	.234
Boston, Mass.	29.986	.984	.986	.940	.960	.959	.964	.964	.963	.962	.957	.956	.945	.938	.929	.924	.923	.929	.934	.939	.942	.940	.935	.942	.942
Buffalo, N. Y.	29.319	.319	.319	.325	.335	.345	.352	.366	.355	.353	.347	.339	.332	.313	.309	.301	.303	.304	.309	.323	.328	.328	.327	.327	.327
Charleston, S. C.	30.047	.040	.034	.036	.040	.050	.061	.070	.074	.078	.065	.054	.039	.028	.018	.015	.016	.025	.035	.046	.057	.059	.054	.047	.047
Chicago, Ill.	29.161	.160	.163	.164	.173	.183	.191	.197	.202	.200	.198	.195	.187	.177	.165	.155	.148	.143	.146	.146	.151	.157	.160	.164	.170
Cincinnati, Ohio.	29.401	.400	.399	.401	.412	.424	.435	.438	.441	.437	.434	.426	.414	.401	.388	.378	.370	.360	.369	.381	.394	.397	.399	.408	.408
Cleveland, Ohio.	29.270	.267	.273	.283	.295	.304	.311	.311	.308	.308	.298	.292	.271	.263	.258	.261	.265	.267	.274	.273	.271	.281	.281	.281	
Columbus, Ohio.	29.192	.189	.192	.196	.204	.217	.228	.224	.224	.229	.224	.214	.203	.190	.177	.167	.160	.156	.161	.165	.175	.189	.199	.191	.195
Denver, Colo.	24.828	.829	.833	.837	.841	.846	.849	.853	.847	.844	.830	.826	.812	.805	.790	.794	.779	.787	.804	.814	.828	.838	.838	.834	
Des Moines, Iowa.	29.120	.119	.116	.117	.119	.126	.137	.141	.146	.141	.141	.137	.128	.121	.115	.107	.100	.094	.088	.080	.098	.105	.111	.118	.118
Detroit, Mich.	29.282	.280	.288	.292	.300	.309	.316	.317	.314	.310	.301	.294	.284	.274	.267	.263	.258	.261	.266	.276	.285	.284	.284	.287	
Dodge City, Kans.	27.480	.427	.438	.439	.427	.422	.438	.444	.451	.450	.451	.451	.444	.437	.425	.411	.406	.396	.385	.381	.391	.407	.416	.421	.426
Duluth, Minn.	29.203	.204	.205	.209	.215	.221	.227	.228	.227	.227	.225	.220	.210	.204	.196	.190	.188	.188	.198	.209	.211	.212	.215	.213	
Eastport, Me.	29.975	.971	.971	.983	.990	.995	.997	.996	.994	.990	.982	.973	.968	.964	.962	.961	.966	.972	.979	.984	.986	.985	.982	.979	
El Paso, Tex.	28.194	.191	.190	.191	.197	.208	.216	.230	.241	.248	.246	.242	.232	.214	.194	.173	.154	.142	.185	.184	.142	.159	.179	.184	.188
Eureka, Cal.	30.041	.039	.038	.031	.025	.019	.016	.016	.018	.021	.030	.039	.041	.045	.047	.046	.047	.047	.041	.037	.032	.031	.038	.034	
Fort Canby, Wash.	29.908	.986	.989	.987	.984	.984	.984	.988	.985	.985	.980	.981	.978	.970	.963	.956	.952	.952	.954	.951	.951	.955	.955	.955	
Galveston, Tex.	30.015	.011	.004	.003	.008	.011	.016	.029	.034	.045	.049	.049	.042	.030	.019	.009	.003	.007	.006	.006	.003	.011	.019	.020	
Grand Haven, Mich.	29.350	.350	.354	.357	.364	.375	.382	.389	.393	.392	.394	.391	.384	.374	.364	.355	.346	.340	.338	.340	.340	.348	.351	.354	
Havre, Mont.	27.391	.391	.391	.392	.390	.399	.401	.404	.407	.405	.399	.391	.380	.374	.368	.362	.359	.358	.358	.364	.368	.380	.383	.384	
Helena, Mont.	25.917	.918	.918	.919	.919	.919	.922	.926	.928	.928	.920	.912	.905	.896	.886	.880	.876	.871	.875	.885	.893	.905	.912	.907	
Huron, S. Dak.	28.588	.592	.591	.588	.590	.604	.613	.611	.611	.607	.603	.596	.589	.572	.562	.554	.551	.551	.556	.577	.588	.593	.587	.587	
Independence, Cal.	26.008	.013	.031	.031	.028	.035	.042	.059	.060	.066	.068	.061	.049	.035	.018	.006	.005	.007	.007	.017	.023	.021	.016	.016	
Indianapolis, Ind.	29.254	.254	.258	.263	.271	.282	.288	.294	.295	.292	.289	.291	.268	.253	.238	.227	.218	.217	.224	.224	.231	.241	.249	.256	
Jacksonville, Fla.	30.031	.024	.021	.026	.038	.042	.052	.058	.061	.058	.053	.057	.515	.501	.496	.473	.484	.439	.461	.463	.474	.485	.489	.490	.498
Kansas City, Mo.	29.020	.027	.027	.029	.037	.044	.052	.061	.069	.067	.064	.061	.053	.038	.026	.012	.000	.033	.043	.047	.051	.057	.061	.061	
Key West, Fla.	30.063	.054	.047	.046	.048	.058	.069	.073	.088	.085	.086	.082	.072	.061	.048	.038	.027	.031	.044	.058	.067	.073	.073	.073	
Knoxville, Tenn.	29.056	.054	.054	.056	.062	.073	.083	.094	.096	.090	.080	.079	.068	.056	.040	.030	.025	.018	.020	.024	.028	.035	.050	.056	
Little Rock, Ark.	29.715	.708	.704	.704	.710	.720	.731	.739	.754	.754	.752	.745	.734	.719	.706	.694	.685	.688	.688	.698	.707	.717	.716	.715	
Louisville, Ky.	29.496	.494	.492	.496	.507	.515	.526	.523	.530	.525	.524	.527	.515	.501	.496	.473	.484	.439	.461	.463	.474	.485	.489	.490	.498
Lynchburg, Va.	29.353	.351	.351	.356	.366	.374	.381	.383	.382	.382	.378	.370	.359	.344	.326	.311	.305	.304	.308	.321	.330	.348	.350	.348	
Marquette, Mich.	29.192	.191	.196	.197	.203	.214	.218	.221	.221	.219	.216	.209	.202	.195	.196	.190	.200	.197	.201	.204	.209	.206	.207	.205	
Memphis, Tenn.	29.707	.704	.704	.706	.718	.723	.734	.744	.753	.755	.753	.745	.739	.736	.727	.716	.697	.688	.693	.697	.704	.707	.705	.710	
Milwaukee, Wis.	29.912	.914	.917	.919	.929	.941	.950	.959	.960	.956	.950	.947	.941	.930	.922	.912	.909	.909	.908	.914	.914	.914	.914	.914	
Moorhead, Minn.	28.938	.936	.941	.947	.950	.953	.963	.965	.969	.964	.961	.956	.950	.944	.936	.928	.920	.916	.914	.918	.924	.930	.942	.943	
Nantucket, Mass.	30.063	.058	.056	.057	.068	.075	.082	.084	.086	.087	.087	.085	.079	.076	.073	.069	.065	.065	.067	.068	.077	.074	.067	.073	
Nashville, Tenn.	29.482	.476	.474	.475	.481	.495	.504	.509	.513	.512	.509	.502	.487	.474	.460	.451	.441	.441	.442	.452	.476	.478	.478	.478	
New Haven, Conn.	29.955	.951	.950	.954	.964	.969	.975	.976	.973	.969	.961	.950	.941	.932	.920	.918	.916	.914	.916	.919	.920	.920	.920	.924	
New Orleans, La.	30.008	.009	.007	.003	.017	.017	.047	.425	.433	.438	.430	.437	.420	.405	.392	.386	.381	.381	.381	.381	.394	.397	.400	.007	
New York, N. Y.	29.744	.740	.738	.739	.746	.754	.762	.766	.767	.761	.755	.747	.737	.725	.724	.727	.730	.733	.738	.745	.750	.747	.746	.745	
Norfolk, Va.	29.986	.977	.979	.980	.990	.010	.014	.015	.015	.012	.005	.006	.007	.007	.007	.007	.007	.007	.007	.007	.009	.009	.009		
Omaha, Nebr.	28.863	.851	.844	.849	.853	.856	.861	.865	.868	.871	.869	.868	.861	.852	.846	.837	.825	.819	.829	.838	.846	.851	.849		
Parkersburg, W. Va.	29.400	.389	.400	.404	.417	.425	.433	.438	.439	.437	.430	.429	.405	.392	.386	.381	.383	.381	.381	.384	.391	.397	.400		
Philadelphia, Pa.	29.948	.947	.946	.946	.948	.955	.965	.970	.976	.977	.976	.970	.963	.948	.937	.926	.916	.920	.926	.936	.949	.951	.951	.949	
Pittsburg, Pa.</td																									

TABLE VI.—Average wind movement for each hour of seventy-fifth meridian time, June, 1895.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.	
Abilene, Tex.	8.0	8.2	8.0	7.8	7.4	7.6	7.8	7.7	9.4	10.1	11.0	11.1	10.9	10.4	10.6	10.9	10.8	10.7	11.5	11.5	10.4	9.6	9.1	8.9	9.5
Albany, N. Y.	5.8	5.1	4.6	4.6	4.8	5.1	5.8	6.4	6.8	7.3	8.0	8.7	9.4	9.6	9.7	9.7	9.3	8.5	6.9	6.7	6.0	6.2	5.9	6.8	7.0
Alpena, Mich.	5.5	5.5	5.5	5.9	5.2	5.1	5.1	6.8	9.6	10.4	11.4	11.5	12.1	12.7	11.4	11.5	12.1	11.8	9.3	7.2	6.1	5.8	5.8	5.5	7.9
Amarillo, Tex.	19.1	18.5	17.9	17.1	16.5	16.9	15.4	14.9	15.6	17.4	18.0	17.7	17.3	16.5	16.3	17.2	17.9	18.2	19.5	20.2	19.1	19.5	19.6	17.7	17.7
Atlanta, Ga.	7.1	6.9	6.9	7.3	7.2	7.0	6.7	7.1	7.3	7.3	8.0	8.0	7.3	7.8	8.1	8.5	9.7	8.1	7.7	6.4	6.4	6.7	7.2	7.5	7.4
Augusta, Ga.	8.8	8.1	8.1	8.9	8.2	8.5	8.7	8.5	5.4	5.9	6.3	6.8	7.2	7.6	7.9	7.9	7.6	7.9	6.6	5.4	4.7	8.9	4.0	3.4	5.2
Baker City, Oreg.	8.6	8.9	8.9	8.7	4.7	5.4	5.9	6.2	6.8	5.2	3.6	4.2	5.1	6.2	6.6	6.9	7.3	7.9	8.7	8.6	7.6	6.7	4.5	3.1	5.7
Baltimore, Md.	4.8	4.3	4.0	3.8	4.8	4.5	4.9	6.1	7.0	7.5	7.7	8.2	8.3	8.9	9.4	9.3	9.5	8.3	6.8	6.2	5.0	4.6	4.3	4.4	6.3
Bismarck, N. Dak.	6.7	6.6	6.4	5.2	5.6*	6.8	6.5	6.9	8.5	8.6	9.6	10.9	11.9	13.4	13.0	12.3	12.2	12.0	11.2	9.8	8.0	7.3	6.5	6.6	8.8
Block Island, R. I.	8.7	8.8	8.8	8.7	9.0	9.0	10.2	10.5	10.3	10.9	11.5	11.9	12.8	13.2	13.7	14.1	14.8	13.9	13.0	12.5	12.3	11.0	9.3	9.8	11.2
Boston, Mass.	7.6	7.1	7.4	7.2	7.8	7.2	7.4	7.9	8.6	9.2	9.4	9.8	10.3	10.9	11.1	10.7	10.3	9.6	8.9	8.7	8.9	8.5	8.3	7.8	8.8
Buffalo, N. Y.	5.5	5.8	5.7	5.8	5.8	5.6	6.8	6.8	6.8	7.3	8.4	9.2	9.4	10.0	10.3	10.7	10.1	9.7	8.3	6.8	6.0	6.4	5.9	5.3	7.4
Cairo, Ill.	4.8	4.9	5.0	4.4	4.6	4.6	5.0	5.5	6.0	6.1	6.9	7.3	7.6	8.0	7.9	7.5	7.0	6.1	5.4	5.6	5.8	5.0	5.2	5.0	5.9
Cape Henry, Va.	10.8	11.6	11.5	11.1	11.6	11.5	12.5	12.8	12.1	12.5	13.4	14.2	14.8	14.6	14.8	14.7	14.2	13.2	11.7	11.2	12.0	12.0	11.6	11.2	12.5
Charleston, S. C.	5.8	5.5	5.4	5.3	5.4	5.8	5.9	6.4	6.7	6.8	9.4	10.3	10.2	10.6	10.5	9.8	9.3	8.8	7.2	6.8	6.1	6.2	5.9	7.3	
Charlotte, N. C.	4.4	4.0	3.8	3.5	8.7	3.7	4.2	5.1	6.0	6.4	6.6	6.7	7.1	7.3	6.8	6.6	5.9	5.3	4.4	4.2	4.2	4.2	4.2	5.3	
Chattanooga, Tenn.	8.4	8.3	8.5	4.8	8.8	8.3	8.4	4.1	5.2	5.5	6.1	6.5	7.0	6.4	5.8	6.5	6.1	6.2	6.4	5.0	4.2	3.4	4.1	4.9	
Cheyenne, Wyo.	9.5	9.7	9.7	9.5	8.4	7.9	7.8	8.6	9.0	10.0	11.9	12.2	12.8	13.1	12.5	12.8	18.1	12.8	13.2	13.8	11.5	10.6	9.0	8.8	10.6
Chicago, Ill.	13.5	14.1	14.0	18.8	13.3	13.7	13.0	12.8	13.0	13.2	14.6	14.8	15.1	15.1	15.0	14.7	14.6	13.8	13.3	11.1	11.6	12.1	12.5	13.7	
Cincinnati, Ohio	3.9	3.8	3.7	3.7	3.6	3.4	3.7	4.5	5.9	7.0	7.7	8.3	8.8	9.7	9.2	9.4	9.6	9.3	8.8	6.8	5.6	4.2	4.1	6.2	
Cleveland, Ohio	8.7	9.2	9.5	9.3	9.2	8.7	9.5	10.3	10.0	10.5	10.8	11.2	12.1	12.1	11.7	11.5	11.8	11.3	9.6	6.9	6.1	5.9	6.8	7.3	9.6
Columbia, Mo.	3.6	3.5	3.8	3.8	4.0	3.7	4.0	4.2	5.0	5.9	6.4	7.2	7.6	8.1	7.9	8.2	8.5	8.1	7.6	8.2	4.9	3.5	3.9	4.1	5.6
Columbus, Ohio	3.8	3.7	3.8	4.0	4.1	4.3	4.5	5.1	5.8	6.1	6.5	7.4	8.2	8.6	8.9	9.5	7.9	7.4	5.7	5.2	4.7	4.6	4.4	5.9	
Concordia, Kans.	5.8	6.5	6.6	6.1	5.7	4.8	4.7	6.0	7.8	8.1	9.0	9.1	8.9	9.5	9.4	9.7	10.0	10.2	9.3	8.7	8.1	5.8	5.5	7.4	
Corpus Christi, Tex.	12.6	11.8	10.6	10.4	9.9	8.9	8.4	8.6	9.9	11.8	11.9	12.4	13.6	14.4	14.8	15.8	16.2	16.1	15.6	15.4	15.1	15.0	13.8	12.4	
Davenport, Iowa	5.9	5.6	5.5	5.2	5.8	5.5	5.1	6.0	6.9	8.8	10.0	11.1	11.5	12.2	12.0	12.0	12.2	11.6	10.0	8.5	7.3	5.9	6.8	6.4	8.2
Denver, Colo.	6.7	7.1	7.2	6.6	6.0	5.8	5.5	5.4	6.0	6.5	7.5	8.5	8.5	10.4	11.0	10.8	10.1	9.0	8.0	7.5	6.6	6.2	6.1	7.3	
Des Moines, Iowa	4.7	4.4	4.7	4.3	4.7	4.3	4.8	4.0	6.0	7.4	10.0	9.9	9.7	10.3	10.4	9.9	9.7	9.4	8.6	7.1	5.9	4.8	4.9	7.1	
Detroit, Mich.	7.2	7.2	6.9	6.5	6.8	6.2	6.1	6.6	7.9	9.2	10.1	11.0	10.8	12.3	12.7	12.5	11.6	11.4	9.7	8.2	7.1	6.9	6.8	8.7	
Dodge City, Kans.	11.3	11.2	11.4	10.6	9.4	8.9	8.4	8.6	9.9	11.8	11.9	12.4	14.7	15.0	14.3	14.2	14.6	14.6	15.3	15.1	15.1	11.1	11.3	9.7	12.4
Duluth, Minn.	6.6	6.5	6.1	6.3	5.9	6.5	6.0	6.3	7.7	9.3	10.5	11.5	12.3	12.8	11.9	11.0	10.9	10.7	10.0	8.9	7.1	7.4	7.5	7.6	8.4
Eastport, Me.	6.8	6.4	6.8	6.7	6.0	6.4	6.5	6.9	7.8	8.2	9.1	9.7	9.6	9.4	9.0	9.0	9.0	8.2	7.9	7.7	6.6	6.8	6.6	7.7	
El Paso, Tex.	11.2	10.0	9.1	9.8	9.4	10.8	9.5	9.7	9.4	10.3	9.5	10.6	11.6	12.0	12.2	11.9	13.8	13.8	13.0	11.9	11.6	12.5	11.1	11.1	
Erie, Pa.	7.1	7.9	8.2	8.1	8.5	7.5	7.6	8.0	8.7	9.3	9.6	9.7	10.8	12.3	12.7	12.5	11.6	11.4	10.7	9.8	8.2	7.1	6.9	7.1	
Eureka, Cal.	5.9	5.3	4.8	4.4	4.2	3.8	3.1	3.0	3.5	3.4	4.4	7.6	9.8	11.7	12.7	14.3	15.2	15.1	13.9	13.0	12.0	10.7	8.8	8.2	
Fort Canby, Wash.	9.1	9.5	9.3	9.8	8.4	7.8	7.5	7.5	7.0	8.0	7.9	7.5	8.8	9.0	9.9	10.5	11.2	11.8	12.0	12.0	11.5	10.9	9.8	9.5	
Fort Smith, Ark.	8.9	4.7	4.9	4.6	4.2	4.7	4.2	5.1	5.6	5.5	6.7	6.8	7.5	7.7	7.5	7.7	7.8	6.8	5.9	5.2	4.2	4.1	3.9	5.5	
Fresno, Cal.	10.1	10.5	9.9	8.3	7.4	6.5	5.2	4.9	4.7	5.0	5.6	6.2	6.2	5.4	6.1	6.3	6.7	7.2	8.0	9.0	9.5	10.2	7.3		
Galveston, Tex.	9.7	9.5	9.8	9.8	8.9	9.1	8.7	9.0	10.8	10.8	10.6	11.1	11.8	12.1	12.2	11.6	11.0	10.2	9.3	8.8	9.0	9.0	10.1	9.5	
Grand Haven, Mich.	5.9	6.8	6.3	6.9	6.8	6.6	6.8	7.7	8.9	10.0	11.4	13.5	14.7	15.0	14.7	14.5	14.7	14.0	13.5	11.5	11.2	10.4	12.2	12.2	
Green Bay, Wis.	5.3	5.2	5.3	5.4	5.4	5.4	5.8	6.3	7.1	7.4	8.5	8.7	9.7	10.1	10.8	11.1	11.1	10.7	10.4	8.4	7.3	6.1	5.6	7.4	
Hannibal, Mo.	6.6	6.4	6.6	6.2	5.2	5.1	5.0	6.3	7.4	9.5	10.5	10.7	10.9	10.7	11.0	10.9	10.8	10.5	9.3	6.6	5.7	6.0	5.6	7.9	
Harrisburg, Pa.	8.8	8.7	4.1	4.4	4.3	4.4	4.8	5.1	6.0	6.9	7.2	7.8	8.3	8.4	8.5	8.8	8.6	8.0	5.9	5.5	4.8	4.4	4.0	6.0	
Hatteras, N. C.	10.1	10.1	9.7	10.2	10.5	11.2	11.5	12.8	13.4	13.5	13.7	14.2	14.0	14.4	14.5	14.7	14.2	13.5	12.6	11.5	11.2	10.1	10.4	12.2	
Havre, Mont.	6.8	6.0	5.7	6.4	6.5	5.0	5.0	7.5	7.5	8.3	10.0	10.6	11.0	11.3	11.5	11.4	11.7	11.3	11.0	10.9	8.9	5.9	7.4	8.4	
Helena, Mont.	9.4	8.2	8.0	7.8	6.7	7.1	6.6	6.6	5.7	7.5	7.6	8.6	9.1	9.5	10.1	10.8	10.6	11.0	11.2	10.1	9.5	8.9	9.1	8.7	
Huron, S. Dak.	11.8	11.2	11.1	11.1	11.8	10.6	12.0	13.4	14.2	14.8	18.0	18.0	15.9	16.0	16.1	16.8	16.0	15.8	15.0	15.0	15.0	15.0	11.8	13.4	
Idaho Falls, Idaho	8.6	8.1	7.1	6.8	6.7	6.1	5.9	5.6	6.0	7.0	7.7	8.1	9.1	9.1	9.7	10.1	10.3	10.0	11.1	10.4	8.8	8.6	8.1		
Independence, Cal.	9.8	10.4	9.9	8.9	8.9	8.4	8.5	8.2	8.4	9.1	10.4	10.3	9.5	8.8	8.7	9.5	9.8	9.1	9.8	9.7	9.6				

TABLE VI.—Average wind movement, etc.—Continued.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Parkersburg, W. Va.	2.4	2.3	2.0	2.1	2.2	2.3	2.0	3.4	4.2	5.0	5.4	5.9	6.1	6.8	6.9	6.5	6.0	5.2	3.8	2.9	3.2	2.9	3.1	4.1	
Pensacola, Fla.	6.9	6.7	6.6	7.4	6.7	7.0	7.2	7.2	8.0	7.9	8.1	9.0	9.5	11.9	12.8	12.5	12.5	11.4	9.5	8.3	7.8	7.4	8.8	8.8	
Philadelphia, Pa.	7.2	6.7	7.1	6.9	6.9	6.6	6.9	8.1	8.9	8.8	8.9	9.1	9.7	10.3	10.8	10.5	10.7	10.7	9.7	8.7	7.6	7.3	6.6	6.9	
Pierre, S. Dak.	8.7	7.5	7.5	7.2	7.5	6.9	7.1	6.8	7.5	8.5	9.5	10.3	10.6	11.7	12.9	12.4	13.2	12.8	12.2	11.2	9.5	9.1	8.8	9.6	
Pittsburg, Pa.	3.4	8.3	8.4	8.2	8.8	2.7	8.4	4.0	5.3	6.0	6.9	7.1	7.0	7.3	8.0	8.0	7.9	7.8	6.6	6.0	5.0	4.2	4.4	3.6	5.3
Port Angeles, Wash.	6.8	6.0	5.4	6.1	5.4	5.2	5.2	5.2	4.6	4.2	5.9	7.0	7.5	8.5	9.2	9.8	10.4	10.4	11.2	12.1	11.7	10.6	8.8	7.0	7.7
Port Huron, Mich.	7.5	7.3	7.1	6.6	7.8	7.2	6.6	7.4	8.8	8.8	10.1	10.9	11.1	11.8	11.9	12.6	11.8	10.3	9.7	7.9	6.8	7.2	7.1	8.8	
Portland, Me.	5.1	5.0	5.1	4.3	4.1	4.0	4.1	5.0	5.7	6.8	7.5	8.1	8.7	9.1	9.5	9.6	9.1	8.3	7.8	7.2	7.0	6.2	5.3	4.9	6.6
Portland, Oreg.	9.7	9.5	8.2	6.9	6.7	5.6	6.0	5.6	5.8	5.7	6.7	7.1	7.8	7.9	8.3	8.0	8.7	8.6	9.3	10.7	11.1	10.9	9.9	10.8	8.1
Pueblo, Colo.	6.9	7.1	6.0	6.0	6.1	5.9	5.7	4.8	5.1	5.2	5.8	6.0	6.6	7.8	9.0	9.6	10.5	9.2	9.9	9.8	8.8	9.1	9.1	8.8	7.4
Raleigh, N. C.	3.7	3.4	3.7	4.0	3.9	4.1	4.6	5.7	6.2	6.4	6.2	6.7	6.7	6.4	6.4	7.5	7.1	6.3	4.9	3.8	4.6	4.2	4.1	5.2	
Rapid City, S. Dak.	7.1	6.7	7.0	7.8	7.7	7.7	7.5	7.5	7.6	8.9	10.1	12.3	12.4	12.8	13.1	13.2	12.5	10.9	10.8	9.6	8.6	7.0	8.0	7.4	9.3
Red Bluff, Cal.	8.6	9.2	8.6	8.5	7.5	7.4	7.2	7.6	7.9	8.7	10.4	10.9	10.3	10.0	10.2	10.0	10.1	10.1	9.7	9.6	9.5	8.9	8.4	8.6	9.1
Rochester, N. Y.	3.5	4.0	4.2	4.4	4.5	4.6	4.8	4.8	5.4	5.4	6.0	6.3	7.4	7.2	7.7	7.6	7.4	6.7	5.8	4.7	4.5	4.0	3.9	3.7	5.4
Roseburg, Oreg.	3.4	2.6	2.1	2.3	2.3	1.9	1.9	2.0	2.3	3.0	3.8	4.8	4.8	5.8	6.9	7.7	8.9	9.7	10.2	9.8	9.6	9.8	7.1	4.9	5.0
Sacramento, Cal.	9.9	10.6	10.5	10.6	11.3	10.8	10.8	10.8	10.7	10.4	10.8	10.2	10.4	11.1	11.0	11.2	11.6	11.6	11.2	11.6	11.4	11.4	10.7	10.7	10.9
St. Louis, Mo.	7.6	6.9	6.9	7.3	7.7	7.3	6.5	6.6	7.5	8.1	9.1	9.3	9.7	9.8	10.8	11.1	11.1	11.1	10.3	8.9	9.1	9.0	7.6	8.8	
St. Paul, Minn.	5.4	5.6	6.0	5.5	5.4	4.8	4.9	5.1	6.6	7.6	8.9	9.5	10.0	10.2	10.1	10.1	10.2	9.8	9.2	8.5	6.4	6.0	6.3	7.4	
St. Vincent, Minn.	7.7	7.6	7.5	7.7	7.0	7.0	6.8	7.4	8.4	9.6	9.1	9.9	9.5	10.6	10.9	10.8	10.9	9.0	9.6	8.9	8.9	7.6	8.8	8.5	
Salt Lake City, Utah.	5.2	6.0	5.0	5.6	5.2	4.3	4.2	4.6	4.2	4.1	4.4	5.9	7.6	8.3	9.0	9.6	9.8	9.1	7.8	7.2	6.8	5.9	6.2	6.5	6.8
San Antonio, Tex.	6.0	5.6	5.3	5.3	4.5	4.2	4.0	4.5	5.9	6.7	7.7	7.8	7.5	7.9	8.8	9.0	8.7	9.5	9.9	9.7	8.5	7.4	6.8	6.9	7.0
San Diego, Cal.	3.5	3.5	3.3	3.2	3.1	3.0	3.1	2.8	2.8	3.2	3.8	4.9	5.8	6.8	7.1	7.8	7.1	8.4	8.5	6.6	6.8	6.9	5.7	6.7	
Sandusky, Ohio.	7.0	7.1	6.7	6.6	6.6	6.0	5.8	6.4	6.8	7.1	6.8	7.8	7.7	8.1	8.4	7.8	8.5	8.6	8.9	8.6	8.7	7.0	7.0		
San Francisco, Cal.	12.3	12.1	10.8	10.0	9.7	8.8	7.3	7.0	6.9	7.3	7.1	7.7	9.7	12.8	16.5	19.8	22.4	24.7	25.1	25.9	24.3	21.5	19.0	14.4	14.8
San Luis Obispo, Cal.	2.9	2.7	2.2	2.3	2.6	2.9	2.8	3.1	3.1	3.4	4.1	4.5	5.5	6.6	8.1	8.4	7.6	7.2	6.8	5.8	4.1	3.0	4.7		
Santa Fe, N. Mex.	6.5	6.1	5.7	5.3	4.6	5.0	5.0	4.5	4.8	6.1	7.7	8.8	8.9	10.0	10.6	10.9	10.4	10.4	9.5	8.3	7.0	6.5	6.4	7.3	
Sault Ste Marie, Mich.	4.4	4.1	4.7	5.0	4.2	4.4	4.4	5.1	5.9	6.1	9.5	9.9	11.0	11.5	11.8	11.1	10.0	8.7	7.5	6.5	5.7	5.3	4.9	7.2	
Savannah, Ga.	5.7	5.5	5.0	4.6	4.7	4.8	5.1	6.3	7.0	6.4	6.7	7.0	7.6	8.2	9.4	10.4	10.4	10.2	8.4	7.6	6.9	6.6	6.0	7.0	
Seattle, Wash.	4.5	4.0	3.6	3.4	3.5	3.5	3.7	3.6	3.5	3.9	4.5	5.3	5.8	5.9	6.6	7.2	6.9	7.1	7.5	6.5	6.5	6.0	5.0	5.1	
Shreveport, La.	5.2	4.8	3.9	3.9	4.0	3.9	3.8	4.1	5.2	5.9	6.1	5.7	6.3	6.5	6.4	6.6	6.4	5.9	5.6	5.0	4.8	5.1	4.9	5.3	
Sioux City, Iowa.	7.4	8.1	7.7	7.4	7.5	7.5	7.8	9.5	10.7	11.7	12.6	13.4	14.2	14.1	14.1	14.0	13.7	12.0	11.9	9.9	8.8	8.3	7.6	10.3	
Spokane, Wash.	4.5	4.2	4.6	4.8	5.5	5.1	5.5	5.6	5.3	6.3	6.9	7.0	7.4	7.8	8.4	8.9	9.0	8.9	8.6	8.3	8.5	8.2	7.5		
Springfield, Ill.	6.6	6.0	5.9	6.2	6.2	6.3	6.1	6.3	7.5	8.6	9.3	10.2	10.1	10.5	10.7	10.8	10.7	10.2	9.7	8.4	7.3	7.2	6.6	8.1	
Springfield, Mo.	7.7	7.9	7.3	7.4	7.4	7.1	7.0	7.1	7.6	8.4	9.2	9.6	10.0	10.5	10.4	10.7	10.8	10.5	10.5	9.0	7.3	7.8	8.6		
Tampa, Fla.	3.4	3.4	3.4	3.8	3.1	3.1	3.4	4.1	5.4	5.8	6.8	8.1	8.4	9.1	9.4	8.5	7.2	5.1	3.9	3.8	3.9	3.8	3.8	3.4	
Tatooish Island, Wash.	8.5	8.5	8.8	9.1	9.0	8.7	8.1	8.0	7.8	8.7	9.6	9.1	9.2	9.1	10.1	9.4	9.7	9.0	9.5	10.3	9.5	9.1			
Titusville, Fla.	9.3	8.8	8.1	7.4	7.3	7.3	8.2	8.5	9.1	9.0	9.4	9.5	11.7	13.5	14.2	15.2	14.9	15.0	14.9	14.1	13.1	11.0	9.4	9.3	10.7
Toledo, Ohio.	6.6	6.5	6.2	5.9	6.3	6.3	6.0	6.8	7.5	8.6	9.3	10.2	10.1	10.5	10.7	10.8	10.7	10.2	9.7	8.4	7.3	6.6	6.8	8.2	
Tucson, Ariz.	4.8	3.8	3.8	3.8	3.3	3.3	3.5	4.0	8.9	9.3	9.7	10.2	10.1	10.5	10.7	10.8	10.5	10.5	9.0	9.2	9.7	9.0	7.6	5.5	
Vicksburg, Miss.	5.4	4.9	4.6	4.9	4.9	5.2	5.6	5.8	6.1	6.4	5.7	6.3	6.8	7.3	8.1	8.4	8.5	7.2	5.1	3.9	3.8	3.9	3.4	3.6	
Vineyard Haven, Mass.	5.8	5.8	5.6	5.6	5.5	5.9	6.8	7.8	7.8	7.7	8.0	8.4	8.8	9.1	9.3	9.6	9.5	8.3	7.8	7.6	6.6	6.1	6.1	7.2	
Walla Walla, Wash.	6.2	5.7	5.3	4.9	5.4	5.4	5.1	5.8	5.8	6.7	6.9	7.1	7.6	7.9	7.6	7.5	7.8	7.6	7.4	7.1	6.2	6.7	6.4		
Washington, D. C.	3.8	3.4	3.4	3.6	3.7	3.7	4.8	5.8	6.6	7.2	7.4	7.5	7.5	7.8	8.1	8.0	6.6	6.7	5.9	4.8	4.1	3.2	3.4	3.6	
Wichita, Kans.	7.5	7.0	6.6	6.3	6.3	7.0	6.8	6.9	7.5	7.9	9.3	9.1	9.5	9.4	9.7	9.2	8.8	8.7	7.6	6.4	6.6	7.3	7.2	7.9	
Williston, N. Dak.	6.5	6.5	6.0	5.7	6.4	5.7	5.2	6.1	7.9	9.1	9.6	11.0	11.6	12.8	12.6	12.7	13.2	12.7	11.7	10.1	9.8	7.8	7.2	9.0	
Wilmington, N. C.	6.0	5.7	5.3	5.2	5.2	5.1	5.9	6.9	6.9	8.1	8.2	8.5	9.4	10.4	11.5	11.3	10.8	10.3	9.8	7.4	6.7	6.6	6.5	7.6	
Winemucca, Nev.	7.6	8.4	8.6	8.7	8.4	8.3	7.5	6.7	6.9	6.9	7.1	7.7	8.2	9.5	10.3	10.8	10.0	9.8	10.3	10.0	8.6	8.3	8.7		
Woods Hole, Mass.	8.0	8.2	7.8	7.5	7.8	7.8	8.5	8.5	9.5	9.5	9.9	10.3	11.1	12.1	12.4	12.8	12.5	11.2	9.8	9.4	8.6	8.6	8.3	9.7	
Yuma, Ariz.	5.5	4.4	4.8	3.8	3.5	2.1	2.2	1.8	1.7	2.3	4.4	4.5	5.1	6.7	7.9	8.1	8.6	8.1	8.9	8.9	8.3	7.3	5.7	5.2	

TABLE VII.—Heights of rivers above low-water mark, June, 1895.

Stations.	Distance to mouth of river.	Danger- point on gauge.	Highest water.		Lowest water.		Stations.	Distance to mouth of river.	Danger- point on gauge.	Highest water.		Lowest water.	

TABLE IX.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during June, 1895.

Stations.	Component direction from—				Resultants.		Stations.	Component direction from—				Resultant.	
	N.	S.	E.	W.	Direction from—	Duration.		N.	S.	E.	W.	Direction from—	Duration.
<i>New England.</i>													
Eastport, Me.	25	92	14	9	s. 36 e.	9	Upper Lake Region—Cont'd.	Hours.	Hours.	Hours.	Hours.	o	Hours.
Portland, Me.	8	29	22	11	s. 28 e.	24	Milwaukee, Wis.	12	23	27	15	s. 47 e.	16
Northfield, Vt.	19	33	5	13	s. 30 w.	16	Green Bay, Wis.	14	26	22	11	s. 43 e.	16
Boston, Mass.	11	20	24	17	s. 33 e.	11	Duluth, Minn.	24	10	27	18	n. 33 e.	17
Nantucket, Mass.	9	30	18	24	s. 29 w.	13	North Dakota.						
Woods Hole, Mass.	5	17	8	5	s. 14 e.	12	Moorhead, Minn.	27	16	6	21	n. 54 w.	19
Block Island, R. I.	13	23	25	17	s. 42 e.	12	St. Vincent, Minn.	24	14	9	24	n. 58 w.	18
New Haven, Conn.	15	25	25	10	s. 56 e.	18	Bismarck, N. Dak.	28	16	5	22	n. 55 w.	21
New London, Conn.	14	30	21	9	s. 37 e.	20	Williston, N. Dak.	23	18	14	21	n. 54 w.	9
<i>Middle Atlantic States.</i>							<i>Upper Mississippi Valley.</i>						
Albany, N. Y.	16	32	12	10	s. 7 e.	16	St. Paul, Minn.						
New York, N. Y.	15	20	29	12	s. 74 e.	18	La Crosse, Wis.	10	24	10	16	s. 14 w.	25
Harrisburg, Pa.	13	11	16	15	n. 79 e.	10	Davenport, Iowa	11	23	16	24	s. 32 w.	14
Philadelphia, Pa.	18	20	23	12	s. 80 e.	11	Des Moines, Iowa	18	25	11	16	s. 32 w.	9
Baltimore, Md.	19	19	22	18	e. . .	9	Keokuk, Iowa	18	23	13	19	s. 56 w.	7
Washington, D. C.	21	19	19	13	n. 73 e.	6	Cairo, Ill.	19	20	18	16	s. 63 e.	2
Lynchburg, Va.	14	19	25	19	s. 50 e.	8	Springfield, Ill.	18	25	13	18	s. 36 w.	9
Norfolk, Va.	20	23	27	9	s. 81 e.	18	Hannibal Mo.	16	19	18	20	s. 34 w.	4
<i>South Atlantic States.</i>							St. Louis, Mo.	17	24	15	16	s. 8 w.	7
Charlotte, N. C.	11	24	29	13	s. 51 e.	21	<i>Missouri Valley.</i>						
Hatteras, N. C.	18	26	14	15	s. 7 w.	8	Columbia, Mo.	9	10	10	7	s. 72 e.	3
Kittyhawk, N. C.	19	21	21	16	s. 68 e.	5	Kansas City, Mo.	18	24	25	5	s. 73 e.	21
Raleigh, N. C.	28	19	11	15	n. 24 w.	10	Springfield, Mo.	17	27	23	7	s. 58 e.	19
Wilmington, N. C.	13	30	7	22	s. 42 w.	23	Omaha, Nebr.	19	22	22	18	s. 72 e.	10
Charleston, S. C.	9	30	8	26	s. 41 w.	28	Sioux City, Iowa	17	25	17	17	s. . .	8
Augusta, Ga.	18	20	20	12	s. 76 e.	8	Pierre, S. Dak.	23	14	23	17	n. 34 e.	11
Savannah, Ga.	8	28	11	16	s. 9 w.	30	Huron, S. Dak.	20	25	19	16	s. 31 e.	6
Jacksonville, Fla.	9	29	17	20	s. 9 w.	20	<i>Northern Slope.</i>						
<i>Florida Peninsula.</i>							Havre, Mont.	23	15	10	30	n. 68 w.	22
Jupiter, Fla.	11	26	24	13	s. 36 e.	19	Miles City, Mont.	19	15	11	n. 70 w.	12	
Key West, Fla.	13	15	32	10	s. 85 e.	10	Helena, Mont.	12	12	6	43	w. . .	37
Tampa, Fla.	22	5	23	22	n. 3 e.	17	Rapid City, S. Dak.	20	13	16	21	n. 36 w.	9
Titusville, Fla.	7	22	30	14	s. 47 e.	22	Cheyenne, Wyo.	25	17	6	25	n. 67 w.	21
<i>Eastern Gulf States.</i>							Lander, Wyo.	20	17	11	27	n. 79 w.	16
Atlanta, Ga.	25	10	17	19	n. 8 w.	15	North Platte, Nebr.	10	29	18	16	s. 6 e.	19
Pensacola, Fla.	15	24	11	29	s. 63 w.	12	<i>Middle Slope.</i>						
Mobile, Ala.	19	21	8	20	s. 81 w.	10	Denver, Colo.	14	27	18	18	s. . .	13
Montgomery, Ala.	14	24	17	19	s. 11 w.	10	Pueblo, Colo.	22	14	19	21	n. 14 w.	8
Meridian, Miss.	17	27	20	16	s. 29 e.	11	Concordia, Kans.	16	29	16	8	s. 32 e.	15
Vicksburg, Miss.	12	23	20	17	s. 11 e.	16	Dodge City, Kans.	16	28	24	5	s. 58 e.	22
New Orleans, La.	11	30	18	13	s. 15 e.	20	Wichita, Kans.	20	23	17	8	s. 19 e.	12
<i>Western Gulf States.</i>							Oklahoma, Okla.	17	23	16	8	s. 28 e.	17
Shreveport, La.	13	31	17	13	s. 18 e.	18	<i>Southern Slope.</i>						
Fort Smith, Ark.	10	13	36	8	s. 84 e.	28	Abilene, Tex.	12	35	22	7	s. 38 e.	26
Little Rock, Ark.	17	23	14	20	s. 45 w.	8	Amarillo, Tex.	11	33	17	7	s. 24 e.	24
Corpus Christi, Tex.	7	36	35	3	s. 48 e.	43	<i>Southern Plateau.</i>						
Galveston, Tex.	8	36	17	14	s. 6 e.	30	El Paso, Tex.	22	9	26	17	n. 35 e.	16
Palestine, Tex.	11	35	19	8	s. 25 e.	30	Santa Fe, N. Mex.	9	31	21	16	s. 13 e.	23
San Antonio, Tex.	10	33	30	0	s. 53 e.	38	Tucson, Ariz.	6	21	24	20	s. 15 e.	16
<i>Ohio Valley and Tennessee.</i>							Yuma, Ariz.	8	23	13	25	s. 39 w.	19
Chattanooga, Tenn.	17	12	13	26	n. 69 w.	14	Independence, Cal.	27	13	11	26	n. 47 w.	20
Knoxville, Tenn.	20	6	31	18	s. 43 e.	19	<i>Middle Plateau.</i>						
Memphis, Tenn.	14	19	19	19	s. . .	5	Carson City, Nev.	11	18	14	31	s. 88 w.	17
Nashville, Tenn.	27	14	8	23	n. 57 w.	24	Winnemucca, Nev.	19	14	16	23	n. 50 w.	8
Lexington, Ky.	12	23	20	22	s. 10 w.	11	Salt Lake City, Utah	23	14	20	22	n. 13 w.	9
Louisville, Ky.	18	23	16	15	s. 11 e.	5	<i>Northern Plateau.</i>						
Indianapolis, Ind.	17	24	20	15	s. 96 e.	9	Baker City, Oreg.	25	22	8	18	n. 73 w.	10
Cincinnati, Ohio.	14	21	23	14	s. 52 e.	11	Idaho Falls, Idaho	15	21	5	16	s. 34 w.	19
Columbus, Ohio.	20	19	21	14	s. 82 e.	7	Spokane, Wash.	10	23	17	21	s. 17 w.	14
Pittsburg, Pa.	21	17	21	15	n. 56 e.	7	Walla Walla, Wash.	16	25	18	14	s. 6 w.	9
Parkersburg, W. Va.	20	17	26	9	n. 80 e.	17	<i>North Pacific Coast Region.</i>						
Buffalo, N. Y.	11	22	14	29	s. 54 w.	19	Fort Canby, Wash.	85	19	7	91	n. 31 w.	27
Oswego, N. Y.	7	29	19	34	s. 29 w.	19	Port Angeles, Wash.	6	20	9	33	s. 60 w.	23
Rochester, N. Y.	13	21	14	27	s. 58 w.	15	Seattle, Wash.	24	22	12	15	n. 56 w.	4
Erie, Pa.	18	16	15	23	n. 76 w.	8	Tatoosh Island, Wash.	3	22	9	35	s. 54 w.	32
Cleveland, Ohio.	19	19	21	18	e. . .	3	Portland, Oreg.	27	18	9	28	n. 54 w.	24
Sandusky, Ohio.	10	19	25	17	s. 42 e.	12	Roseburg, Oreg.	34	4	17	17	n. . .	30
Toledo, Ohio.	16	15	21	21	n. . .	1	Eureka, Cal.	26	15	11	27	n. 56 w.	19
Detroit, Mich.	16	18	20	21	s. 27 w.	2	Red Bluff, Cal.	34	18	10	20	n. 13 w.	22
<i>Upper Lake Region.</i>							Sacramento, Cal.	14	33	5	29	s. 51 w.	31
Alpena, Mich.	12	26	23	15	s. 30 e.	16	San Francisco, Cal.	1	1	0	51	s. 77 w.	51
Grand Haven, Mich.	16	23	15	23	s. 49 w.	9	<i>South Pacific Coast Region.</i>						
Marquette, Mich.	21	20	18	23	n. 64 w.	9	Fresno, Cal.	26	6	2	43	n. 64 w.	46
Port Huron, Mich.	21	24	18	13	s. . .	3	Los Angeles, Cal.	7	12	14	35	s. 77 w.	22
Sault Ste. Marie, Mich.	23	21	25	20	n. 68 e.	3	San Diego, Cal.	14	20	7	26	s. 78 w.	30
Chicago, Ill.	19	17	20	17	n. 66 e.	4	San Luis Obispo, Cal.	21	17	4	28	n. 81 w.	24

TABLE X.—*Thunderstorms and auroras, June, 1895.*

States.	No. of stations.																															Total. No.	Days.						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
Alabama.....	54	T.	4	2	1	5	1	3			5	3	3	1	6	8	4	1	2	2	2	1	1	2	7	6	3	3	4	3		77	26	T.					
Arizona.....	38	A.																															0	0	A.				
Arkansas.....	51	T.		2						6	1	3	6	1	2	7	2	3	5	1	1	2	2		3	7	1	2	4	5		66	21	T.					
California.....	191	T.																														0	0	A.					
Colorado.....	86	T.	8	10	2	2			1	3	7	10	13	6	3	6	3	2	3	3	7	11	4	6	10	4	7	10	11	8	18	168	27	T.					
Connecticut....	23	T.	3		8				3	4								2	1											6	1	7	11	5	6	4	61	13	T.
Delaware.....	7	T.		2	1													1	1																		0	0	A.
Dist. of Columbia	4	T.			1													1	1	1																	11	11	A.
Florida.....	37	T.		1		1	7	5	7	2		5	5	9	7	1	7	8	8	1															143	23	T.		
Georgia.....	54	T.				4	1					1	3	3	5		5	5																	60	20	T.		
Idaho.....	33	T.			1	1		1		2	1						1																	0	0	A.			
Illinois.....	88	T.	7		11	12						12	11	1		5	7	12	2	3	1	2	2	8	7	21	5						130	19	T.				
Indiana.....	45	T.	1		0	1						7				1			3			1	11	8	4									46	10	T.			
Indian Territory.	7	T.			1							1	1			3				1															8	6	T.		
Iowa.....	97	T.	4	9	10	1	2	2		19	3		12	13	1	4	21	1	8	3	21	8	20	2	2							161	21	A.					
Kansas.....	77	T.	2	7	2	1				10	4	10	9	1	2	1	8	1		1	1	7	4	1	3	3	4	2				83	21	T.					
Kentucky.....	45	T.		1	4	1						1				2	1			2	1	1	1	2	3	3						0	0	A.					
Louisiana.....	50	T.	2	3	4	10	3	1	3	5	3	3	2	1	3	3	7	5	9	9	8	3	4	4	3	5	5	12	5	5	11	12	153	30	T.				
Maine.....	18	T.	1	2	1		1			4	1		6	3	5																		29	12	A.				
Maryland.....	42	T.		1	2	5	11					5	6	13	6	2		1	1	4	1	1	18	3	16	13	1	9	12		130	20	T.						
Massachusetts....	77	T.	13	3	8	4	1					1	12	4				1	12	5	18	3	6	11	10	5					117	0	T.						
Michigan.....	65	T.	3	2	1	5					3	7	8				3	1	3		2	3	8	3	1	1	1				55	17	A.						
Minnesota.....	72	T.	9	7	11	2		5	6	10	17	3	2	14	1	2	4	3	9	3	9	7	11	6	9	9	13	2	2	1	4	161	28	T.					
Mississippi.....	48	T.	2	3	2	1		2	3	1		2	6	2	7	12	11	5	4	6	6	1	3	3	5	6	3	9	11		126	7	T.						
Missouri.....	103	T.	7		10	9			4	14	10	10	7	4	17	4	3	35	9	2	4	5	7	23	14	28	9	1	2	7	6	290	20	T.					
Montana.....	31	T.		2		4	2	1			1	1	2		2	5	1		2	2	1	1	1	3	1	1	1	2	4		40	0	A.						
Nebraska.....	120	T.	8	12	2			3		9	1	2	10	5	4	4	9	2	7	1	7	7	8	2	1	6				112	3	T.							
Nevada.....	53	T.			1																											3	2	A.					
New Hampshire.	23	T.	3	4																													47	15	T.				
New Jersey.....	52	T.	14	8	10	2	15					1	2	7	9	2	3															111	9	A.					
New Mexico.....	31	T.		1		1	1																									2	2	A.					
New York.....	76	T.	4	2	12	8	11	1			1	10	18	5	1																	116	21	T.					
North Carolina..	55	T.	1	2	1		4	1			1	4	10	15	7	8	4															124	3	A.					
North Dakota ..	36	T.			1		2	4	1								2		3	3	3	2	1	1	3						34	6	T.						
Ohio.....	143	T.	2	4	1	35	3					1	1	24	13	1	2	1		4	3	8	4	34	15	31	2	1	1	6		191	18	T.					
Oklahoma.....	20	T.			1						3	1	2	6	3	1	1	3		2												32	0	A.					
Oregon.....	63	T.			1	1		1									2															2	1	A.					
Pennsylvania....	91	T.	7	12	9	8	12	1			3	14	15	10	2	1			2	5	2	4	30	3	18	24	1	1	17		196	23	T.						
Rhode Island ..	8	T.	2		1																											0	0	A.					
South Carolina ..	43	T.			3	2						8	5	6	6	4	6	5														101	19	T.					
South Dakota...	43	T.	1	1		1																										0	0	A.					
Tennessee.....	42	T.	1	5	7	5				1		2	10	5	1	9	3			5	3	1	2	10	6	7	1	1	4	7		96	22	T.					
Texas.....	85	T.	4	3	3	8				3	5	2	6	2	4	7	7	5	3	13	8	7	3	2							135	25	T.						
Utah.....	31	T.			1					1	1																				21	13	T.						
Vermont.....	16	T.	1	3	1	3					1	4	9	1	2															35	15	T.							
Virginia.....	40	T.			1	5					3	3	6	2	4															0	0	A.							
Washington.....	45	T.			1					1	1																			3	2	A.							
West Virginia ..	42	T.			5	4				1		2	6	3	1														58	15	T.								
Wisconsin.....	64	T.	3	12	5	5	1	1	3	9	7	5	7	4			23	3	2	16	1	7	4	21		1	1	1	1		140	22	T.						
Wyoming.....	10	T.	1																												4	4	T.						
Sums	2,690	T.	104	118	181	141	125	42	32	55	110	69	117	221	215	128	114	86	170	3	67	75	86	109	101	176	288	232	235	200	102	165	182	8,991	T.			
		A.	1	1	2	5	1	9	1	1	0	2	2	2	3	5	1	4	3	1	1	7	1	1	3	4	3	1	1	0	5	77	....	A.				

TABLE XI.—Hourly sunshine as deduced from sunshine recorders, June, 1895.

Stations.	Instrument.	Percentages for each hour of local mean time ending with the respective hour.																		Monthly summary.			
		A. M.									P. M.									Instrumental record.			
		5	6	7	8	9	10	11	Noon.	1	2	3	4	5	6	7	8	Actual.	Possible.	Per cent of possible.	Personal esti- mate.		
Atlanta, Ga.	T.	68	67	73	80	90	97	98	97	94	93	94	83	83	74	61	26	11	388.1	431.4	78	56	
Baltimore, Md.	T.	57	57	57	61	63	62	60	57	53	53	51	48	51	48	46	46	43	269.8	446.8	80	58	
Bismarck, N. Dak.	P.	54	56	66	66	66	66	66	66	58	58	57	56	56	52	46	47	48	269.8	474.9	57	44	
Boston, Mass.	T.	57	57	59	55	55	56	56	57	53	51	51	57	59	50	50	46	47	253.9	357.2	56	47	
Buffalo, N. Y.	T.	13	14	33	34	33	23	23	23	23	23	23	23	23	23	23	23	19	275.7	450.6	60	49	
Chicago, Ill.	T.	53	60	73	84	94	94	94	94	93	93	93	93	93	93	93	93	19	275.5	455.0	83	70	
Cincinnati, Ohio	T.	54	68	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	382.4	446.0	67	67	
Do.	P.	84	88	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	382.4	446.0	86	86	
Cleveland, Ohio	P.	54	58	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	382.6	454.2	73	59	
Columbus, Ohio	T.	54	58	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	303.4	448.9	81	54	
Denver, Colo.	P.	57	63	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	303.9	448.7	88	50	
Des Moines, Iowa	T.	61	60	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	272.1	454.6	60	58	
Detroit, Mich.	T.	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	353.2	457.1	71	65	
Dodge City, Kans.	T.	44	49	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	250.7	412.4	65	57	
Eastport, Me.	P.	34	38	50	46	46	46	46	46	46	46	46	46	46	46	46	46	46	224.3	406.7	74	48	
Galveston, Tex.	P.	18	18	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	300.1	419.3	74	59	
Helena, Mont.	P.	37	44	61	60	60	60	60	60	60	60	60	60	60	60	60	60	60	277.2	473.3	59	54	
Kansas City, Mo.	P.*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	297.8	410.1	73	54
Key West, Fla.	T.	..	64	64	50	68	75	80	84	84	84	80	75	68	62	62	62	62	246.2	342.4	65	54	
Little Rock, Ark.	T.	50	50	50	55	55	55	55	55	55	55	55	55	55	55	55	55	55	246.2	342.4	75	58	
Louisville, Ky.	T.	68	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	382.9	448.8	75	58	
Marquette, Mich.	T.	52	46	46	60	60	60	60	60	60	60	60	60	60	60	60	60	60	246.3	473.6	63	58	
Memphis, Tenn.	T.	40	39	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	298.3	452.8	64	56	
New Haven, Conn.	T.	43	49	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	211.0	419.9	50	50	
New Orleans, La.	T.	23	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	251.9	451.6	56	47	
New York, N. Y.	T.	31	34	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	335.4	440.2	76	67	
Norfolk, Va.	T.	27	37	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	303.4	448.9	68	45	
Philadelphia, Pa.	T.	33	42	42	53	53	53	53	53	53	53	53	53	53	53	53	53	53	286.7	461.6	62	53	
Portland, Me.	T.	50	46	47	51	51	51	51	51	51	51	51	51	51	51	51	51	51	325.0	469.3	56	56	
Portland, Oreg.	T.	32	53	53	60	60	60	60	60	60	60	60	60	60	60	60	60	60	340.9	469.3	73	56	
Do.	P.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	347.2	459.6	72	54
Rochester, N. Y.	T.	50	56	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	319.5	445.2	51	49	
St. Louis, Mo.	T.	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	319.5	445.2	52	49	
Salt Lake City, Utah.	T.	51	57	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	300.0	451.5	81	55	
Do.	P.	12	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	325.2	458.1	70	59	
San Diego, Cal.	T.	0	16	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	311.5	442.9	70	59	
San Francisco, Cal.	T.	78	76	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	312.3	457.2	71	59	
Santa Fe, N. Mex.	T.	60	60	63	62	64	64	64	64	64	64	64	64	64	64	64	64	64	299.5	455.2	64	56	
Savannah, Ga.	T.	36	39	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	304.5	478.2	64	56	
Seattle, Wash.	T.	30	47	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	296.8	478.1	62	56	
Spokane, Wash.	T.	26	83	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	373.3	455.7	88	56	
Tucson, Ariz.	T.	24	29	30	35	35	35	35	35	35	35	35	35	35	35	35	35	35	250.3	457.7	59	56	
Vicksburg, Miss.	T.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	365.6	445.9	50	56
Washington, D. C.	T.	24	29	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	355.4	431.7	59	51	
Wilmington, N. C.	T.	26	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	325.4	431.7	59	51	

TABLE XII.—*Hourly precipitation, June, 1895.*

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Total.	
Atlanta, Ga.*	T. 0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.08	0.00	0.00	0.04	0.02	0.31	0.18	0.67	0.81	0.01	0.54	0.13	1.27	1.02	0.01	0.06	4.87	
Baltimore, Md.	0.19	0.09	T. T.	T. T.	T. T.	T. T.	0.08	0.01	T. T.	0.00	T. T.	0.05	0.12	0.50	0.18	0.22	0.48	0.10	0.11	0.19	0.35	0.28	2.96	3.85	2.96	
Bismarck, N. Dak.	0.15	0.31	0.46	0.81	0.41	0.02	0.08	0.08	0.05	0.09	0.08	0.06	0.06	0.11	0.16	0.15	0.30	0.08	0.07	0.07	0.04	0.01	0.06	T. T.	1.75	
Boston, Mass.	0.08	0.19	0.03	0.06	0.08	0.03	0.08	0.02	T. T.	0.27	0.32	T. T.	0.11	0.19	0.12	0.08	0.02	0.01	0.04	T. T.	0.04	0.00	T. T.	0.02	1.52	
Buffalo, N. Y.	T. T.	0.03	0.00	0.00	0.00	0.03	0.10	0.12	0.24	0.08	0.11	0.17	0.08	0.07	0.23	0.04	T. T.	0.00	0.08	0.01	T. T.	0.02	0.00	0.02	1.52	
Cincinnati, Ohio	0.04	0.08	0.01	0.02	0.02	0.02	0.03	0.09	0.05	0.10	0.03	0.12	0.07	0.13	0.18	0.08	0.06	0.04	0.04	0.01	0.07	0.01	0.07	0.08	0.02	
Cleveland, Ohio	T. T.	0.05	0.05	0.05	0.05	0.04	0.03	0.01	0.02	0.05	0.01	0.04	0.07	0.14	0.17	0.15	0.02	0.49	0.19	0.12	0.08	0.08	0.02	0.01	0.08	1.80
Denver, Colo.	0.15	0.08	0.06	0.11	0.10	0.05	0.08	0.02	0.06	0.01	T. T.	0.06	0.01	0.32	0.11	0.13	0.08	0.00	0.12	0.13	0.23	0.22	0.21	0.36	1.80	1.80
Detroit, Mich.	0.03	0.00	0.00	0.00	0.07	0.03	0.03	0.00	T. T.	0.01	0.01	T. T.	0.01	0.02	0.03	0.06	0.08	0.07	0.06	0.06	T. T.	0.00	0.00	0.10	0.55	0.55
Dodge City, Kans.	0.32	0.18	0.64	1.12	0.17	0.05	0.06	0.01	0.04	0.04	T. T.	0.01	0.02	T. T.	0.02	0.13	0.13	0.12	0.13	0.01	0.08	0.28	0.31	0.32	4.98	5.32
Duluth, Minn.	0.28	0.12	0.09	0.12	0.07	0.09	0.19	0.54	0.21	0.46	0.43	0.03	0.04	0.19	0.27	0.25	0.13	0.12	0.13	0.01	0.08	0.24	0.11	0.05	0.05	0.04
Eastport, Me.	0.02	0.02	T. T.	0.00	0.00	T. T.	0.05	0.03	0.02	0.17	0.05	0.08	0.01	0.02	0.01	0.05	0.19	0.29	0.00	0.10	0.04	0.00	0.00	0.00	T. T.	1.46
Galveston, Tex.	0.08	0.20	T. T.	0.07	T. T.	0.00	0.00	0.06	0.05	0.16	0.20	0.19	0.10	0.65	0.00	0.00	0.10	0.04	0.00	0.00	0.00	0.00	0.00	T. T.	0.00	1.46
Indianapolis, Ind.	0.00	T. T.	0.01	0.04	0.06	0.13	0.21	0.26	0.05	0.03	0.02	0.06	0.06	0.02	0.04	0.03	0.04	0.05	0.00	0.15	0.10	0.08	0.02	T. T.	1.46	
Jacksonville, Fla.	0.00	0.00	0.00	0.00	0.00	0.05	T. T.	0.00	0.00	T. T.	0.59	0.85	0.15	0.05	0.65	0.90	0.26	0.08	0.28	0.34	0.09	0.04	0.05	0.00	4.98	
Jupiter, Fla.	0.24	0.01	0.36	0.45	0.00	0.00	0.00	0.00	T. T.	0.00	0.00	0.00	0.14	1.03	0.56	0.07	0.40	0.27	0.19	0.08	0.02	0.02	T. T.	0.01	3.85	
Kansas City, Mo.	0.33	0.19	0.98	0.36	0.18	0.27	0.07	T. T.	0.05	0.07	0.10	0.44	0.13	0.11	0.05	0.02	0.01	0.23	0.51	0.23	0.07	1.37	0.46	2.92	7.65	
Key West, Fla.	T. T.	0.02	0.09	0.02	0.01	0.57	0.08	0.19	0.02	T. T.	0.01	0.31	T. T.	T. T.	0.02	0.14	0.49	0.21	0.03	0.02	0.47	0.14	0.07	0.07	0.02	
Little Rock, Ark.	0.08	0.10	0.15	0.51	1.13	1.75	1.44	0.88	0.60	0.32	0.38	0.02	0.44	0.38	0.86	0.13	0.01	T. T.	0.08	0.01	0.01	T. T.	0.01	0.05	9.00	
Louisville, Ky.	0.06	0.11	0.29	0.18	0.15	0.20	0.12	0.18	0.16	0.23	0.45	0.84	0.05	0.04	0.04	T. T.	0.01	T. T.	0.09	0.04	0.23	0.73	0.16	0.17	0.08	
Marquette, Mich.	0.42	0.14	0.14	0.37	0.18	0.02	0.04	0.07	0.03	0.02	T. T.	0.01	0.04	0.01	0.03	0.17	0.29	0.61	0.53	0.23	0.04	0.38	0.46	0.18	4.21	
Memphis, Tenn.	0.00	0.00	T. T.	0.00	0.06	0.12	0.15	0.04	0.27	0.37	0.27	0.33	0.04	0.07	T. T.	0.03	T. T.	0.01	0.00	0.00	0.00	0.00	0.00	0.00	2.31	
Milwaukee, Wis.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T. T.	0.00	0.03	0.00	0.02	0.02	0.03	0.02	T. T.	0.70	1.20	0.44	0.27	T. T.	0.01	0.00	2.94	
Nantucket, Mass.	0.08	0.04	0.01	0.08	0.02	0.11	0.07	0.04	0.02	0.11	0.04	0.02	0.02	0.19	0.14	0.02	0.40	0.08	0.20	0.04	0.05	0.06	0.54	0.91	2.70	
Nashville, Tenn.	0.03	0.06	0.15	0.05	0.04	0.02	T. T.	T. T.	T. T.	0.32	0.46	0.45	0.02	0.19	0.14	0.02	0.40	0.08	0.78	0.02	T. T.	0.01	0.02	0.02	0.02	
New Orleans, La.	0.05	T. T.	0.07	T. T.	1.28	0.22	0.17	0.10	0.14	0.20	0.42	1.49	0.74	1.52	0.88	0.44	0.98	0.53	0.12	0.28	0.02	0.14	9.77	9.77	9.77	
New York, N. Y.	0.04	0.04	0.04	0.17	0.08	0.03	0.06	0.02	0.08	0.04	0.04	0.19	0.29	0.32	T. T.	T. T.	0.08	0.38	0.30	0.11	0.13	0.05	0.35	0.11	2.57	
Norfolk, Va.	0.02	0.06	0.08	T. T.	T. T.	0.06	0.21	0.18	0.05	0.02	0.03	0.01	0.00	0.01	0.17	0.14	0.18	0.26	0.29	0.03	0.07	0.09	0.27	0.14	2.41	
Omaha, Nebr.	0.13	0.09	0.08	0.14	0.71	0.19	0.18	0.12	0.04	0.01	0.01	T. T.	T. T.	0.09	0.36	0.19	0.16	0.53	0.44	0.34	0.05	0.43	0.20	4.34	4.34	4.34
Philadelphia, Pa.	0.20	0.09	0.05	T. T.	0.00	0.01	0.04	0.06	0.10	0.08	0.12	0.02	0.07	0.02	0.01	0.55	0.10	0.07	0.37	0.22	0.21	0.18	0.23	0.03	3.03	
Pittsburg, Pa.	0.05	0.57	0.06	0.04	0.01	T. T.	0.25	0.18	0.05	0.03	0.01	0.13	0.40	0.08	0.07	0.00	0.00	0.01	0.16	0.07	0.06	0.09	0.04	0.02	2.93	
Portland, Me.	0.10	0.20	0.33	0.09	0.06	0.15	0.11	0.09	0.08	0.09	0.11	0.05	0.06	0.22	0.08	0.01	0.05	T. T.	T. T.	0.03	0.03	0.04	0.11	0.02	0.02	
Portland, Oreg. a	T. T.	0.00	T. T.	0.05	0.04	T. T.	0.00	0.00	T. T.	T. T.	T. T.	T. T.	T. T.	0.05	0.20	0.06	0.01	0.16	0.02	T. T.	T. T.	T. T.	0.58	0.58	0.58	
Portland, Oreg. b	T. T.	0.00	T. T.	0.01	0.05	0.04	T. T.	0.00	0.00	T. T.	T. T.	T. T.	T. T.	T. T.	0.05	0.19	0.05	0.01	0.16	0.02	T. T.	T. T.	T. T.	0.58		
Rochester, N. Y.	0.06	0.00	0.00	0.00	0.08	0.04	0.08	0.03	0.18	0.05	0.02	0.07	0.23	0.56	0.06	0.02	0.02	0.00	0.01	0.00	0.01	0.00	0.01	1.56		
St. Louis, Mo.	0.14	0.08	0.03	0.02	0.05	0.05	0.01	T. T.	T. T.	0.09	0.03	0.06	0.23	0.39	0.14	0.03	T. T.	0.01	0.55	0.08	0.09	0.08	0.03	0.26	0.05	
St. Paul, Minn.	0.04	0.01	0.01	0.02	0.11	0.02	0.07	0.07	0.09	0.03	T. T.	0.02	0.08	0.29	0.34	0.05	0.01	0.72	0.07	0.01	0.11	0.27	0.95	0.09	4.18	
Salt Lake City, Utah	0.03	0.06	0.17	0.20	0.18	0.07	0.03	0.06	0.02	0.01	T. T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
San Diego, Cal.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
San Francisco, Cal.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Savannah, Ga.	0.01	0.00	0.00	0.00	0.00	0.00	0.00	T. T.	T. T.	T. T.	0.02	T. T.	0.86	0.40	0.21	0.05	0.03	0.20	0.30	1.60	1.27	0.75	0.32	0.06	6.08	
Seattle, Wash.	0.01	0.01	0.00	0.00	0.00	0.00	0.00	T. T.	0.02	0.03	0.04	0.04	0.01	T. T.	T. T.	0.00	0.05	0.06	0.02	0.04	0.01	T. T.	0.01	0.29		
Vicksburg, Miss.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T. T.	0.02	T. T.	0.01	0.08	0.05	0.15	0.53	0.77	1.09	0.89	2.39	0.38	0.52	0.13	0.04	7.11		
Washington, D. C.	0.04	0.00	0.00	0.00	0.00	T. T.	0.00	0.00	T. T.	T. T.	T. T.	0.06	0.89	0.24	1.09	0.37	1.11	0.21	0.39	1.31	0.03	0.02	5.55	5.55	5.55	
Wilmington, N. C.	0.00	0.00	0.00	0.00	0.32	0.07	0.03	0.01	0.18	0.12	0.09	0.10	0.05	0.62	0.97	0.25	T. T.	0.52	0.11	0.02	T. T.	0.07	0.10	T. T.	2.98	

TABLE XIII.—*Excessive precipitation, by stations, for June, 1895.*

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2-50 inches, or more, in 24 hours.		Rainfall of 1 inch or more, in one hour.	
		Amt.	Day.	Amt.	Time.
<i>Alabama.</i>		<i>Inches.</i>	<i>Inches.</i>	<i>Ins.</i>	<i>h.m.</i>
Citronelle	12.73				
Daphne		2.52	29		
Fort Deposit		5.96	16-17		
Greensboro				1.35	1 00
Highland Home		6.56	16-17		
Mount Willing	10.90	4.00	17		
Oxanna				1.13	1 00
Do				1.15	1 00
Scottsboro		2.75	20		
Do		2.70	30		
Starlington		3.70	16		
Tallassee Falls		2.98	5		
Thomasville	10.99	3.53	25-26		
Tuscaloosa		4.02	4-5		
<i>Arkansas.</i>					
Blanchard Springs		3.14	8-9		
Brinkley		4.55	18-19		
Corning		3.18	30		
Elon		3.15	8		
La Crosse		2.80	18		
Little Rock		4.38	16	1.42	1 00
Madding	13.06	6.12	16	6.12	6 00
Do				2.00	1 25
New Gascony	10.79	5.00	16		
Pine Bluff		5.15	16		
Rison				1.10	0 20
Do				1.54	1 30
<i>Colorado.</i>					
Ruby		2.50	2		
<i>Connecticut.</i>					
Middletown		2.93	27-28		
South Manchester		2.56	28		
<i>District of Columbia.</i>					
Washington				1.28	1 00
<i>Florida.</i>					
Grasmere				1.79	1 00
Jacksonville				1.34	1 00
Merritts Island		4.64	17-18		
Orange City		2.87	7		
Orange Park				1.87	1 30
Orlando				1.31	1 10
Pensacola		3.28	29-30		
Titusville		3.85	29	1.12	0 45
Do				3.60	1 23
<i>Georgia.</i>					
Atlanta		2.62	29-30	1.05	1 00
Augusta		2.67	29-30	2.02	1 00
Fort Gaines				1.45	1 00
Do				1.13	1 00
Leverett		2.50	15		
Louisville		2.71	27		
Millen		2.60	15-16		
Savannah		3.19	16-17	1.43	1 00
Union Point		2.28	16		
Do		2.92	30		
Waynesboro				1.70	1 30
<i>Illinois.</i>					
Frederick				1.40	1 00
Herrins Prairie		3.25	18-19		
Jordans Grove				1.35	1 05
Louisville		3.55	18-19	1.80	1 00
Tampico		3.00	17		
<i>Indiana.</i>					
Seymour		3.25	19		
<i>Indian Territory.</i>					
Lehigh				2.41	2 00
<i>Iowa.</i>					
Afton		2.90	9		
Ames				1.12	1 00
Clinton		3.08	17-18		
Corning		2.67	9		
Des Moines		2.58	9-10	1.73	1 00
Lenox		2.61	9		
Mount Ayr		3.53	9		
Ovid		2.65	9-10		
<i>Kansas.</i>					
Abilene		2.57	9		
Blaine				1.15	0 15
Coldwater		2.70	2		
Collyer		4.50	2	4.50	2 10
Dodge City		2.92	1-2		
Downs		3.98	3-3		
Englewood		3.38	1-2		
Gove		3.71	1-2		
Grenola		3.50	9		
Halstead		2.77	9		
Hutchinson		3.01	9		
Ionia		2.75	2		
Jaqua		3.00	1		
Leoti		3.95	1-2		
Minneapolis				1.60	1 30
Morland		3.00	1-2		
Morton		2.66	1-2		
Mount Hope		4.07	9		
Ness City				1.21	0 40
New England Ranch		2.97	2		
Pleasant Dale		3.10	2		
Wa Keeney				1.00	1 00
Do				1.00	0 80
Wamego		3.42	9	1.65	1 30
Wellington		2.64	29		

TABLE XIII.—*Excessive precipitation*—Continued.

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.	
		Amt.	Day.	Amt.	Time.
Kansas—Cont'd.	Inches.	Inches.	1-3	Ins.	h.m.
Winona	3.75				
Kentucky.					
Anchorage	2.50	20-21			
Canton	2.70	30			
Fords Ferry				1.01	1 00
Frankfort	2.80	30			16
Greendale				1.05	1 00
Herbert	2.73	18			4
Louisville	2.66	10-20			
Pleasure Ridge Park	3.08	4-5			
Pryorsburg				1.08	1 00
Louisiana.					4
Calhoun	13.15	2.68	9		
Delhi	11.07	4.00	8		
Farmerville		3.70	9		
Grand Coteau		3.27	8		
Jeanerette		2.50	7		
Lake Charles	11.84	6.00	15		
Do.					
Lake Providence				1.37	1 00
Liberty Hill	10.46	3.18	9		26
New Iberia		3.15	8		
New Orleans		2.70	17-18	1.25	1 00
Do.				1.44	0 50
Oak Ridge	13.43	3.75	9		18
Do.		3.14	14		
Opelousas				1.10	1 00
Shell Beach	10.08	3.20	26		
Southern University	12.00	2.60	30		
Sugar Experiment Station	11.06	3.54	17	3.54	2 15
Wallace	10.44				17
Maryland.					
Boettcherille		2.50	18		
Chestertown	5.07	29			
Massachusetts.					
Brockton		2.74	28	1.65	1 25
Groton					25
Nantucket				1.27	1 00
Minnesota.					30
Crookston		3.98	6		
Fort Ripley		2.73	9		
Grand Meadow		2.87	9		
Lake Winnibigoshish		4.03	24		
Pleasant Mounds				1.34	1 00
St. Olaf				1.00	1 00
St. Paul				1.02	0 45
Willmar	7.20	9			9
Mississippi.					
Aberdeen	10.72	4.00	12-13	1.20	1 00
Do.				2.00	1 30
Biloxi	17.10	10.60	14-15		18
Greenville	11.23	3.20	12-13	1.51	1 00
Do.	11.50	2.70	8-9	1.80	0 50
Do.		2.88	16		18
Itta Bena				1.71	1 30
Do.				1.41	0 30
Leakesville	10.03	2.78	4		
Leonia	12.91	2.65	17-18		
Macou				1.28	1 05
Magnolia				2.35	2 00
Meridian				1.01	0 35
Palo Alto				1.06	1 00
Topton				1.00	0 30
Do.				1.40	0 25
Vicksburg				1.73	1 00
Water Valley	2.78	17	1.74	0 30	15
Missouri.					
Akron		2.50	9		
Birch Tree		2.81	19		
Bluffton		2.69	29-30		
Brunswick				1.87	1 00
Carrollton		2.53	17	1.60	1 00
Columbia				1.70	1 00
East Lynne		2.97	10		
Eight Mile		3.01	9-10		
Elmira		2.61	10		
Fayette		2.65	17-18		
Fulton		2.50	17		
Gallatin		3.85	9-10		
Gordonville		3.25	14-15		
Hermann				1.38	1 00
Kansas City		3.72	17-18	2.40	1 00
Lamar		2.07	25		
Lexington		3.85	10		
Do.		2.54	17		
Marble Hill		3.04	15		
New Madrid		2.53	20		
Palmyra		3.53	17		
Pierce City		2.50	30		
Princeton		2.69	9-10		
St. Joseph		2.52	9-10		
Sublett		3.50	23		
Warrenton		2.55	11		
Nebraska.					
Blue Hill		2.75	2		
Brokenbow		3.95	2		
Burwell		2.65	1		
Callaway		3.05	1		
Culbertson				1.27	0 20
Curtis a		2.80	1		
Edgar		2.50	2-3		

TABLE XIII.—*Excessive precipitation—Continued.*

Stations.	Monthly rainfall 10 inches, or more.		Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		Day.
	Month.	Amt.	Day.	Amt.	Time.	Day.	
<i>Nebraska—Cont'd.</i>							
Ewing	Inches.	Inches.	Ins.	h.m.			
Gothenburg	2.50	1-2					
Hastings	2.50	1					
Hayes Center	3.19	2					
Holdrege	3.00	1					
Madison	3.02	2					
Norfolk	3.00	3					
Palmer <i>a</i>	2.55	2					
Red Cloud <i>b</i>	2.75	1-2					
Turrlington	2.85	2					
Weeping Water	2.67	9					
Wilber	2.88	27-28					
Wilcox	3.84	9					
York	2.55	2					
<i>New Hampshire.</i>							
Stratford			1.53	0 40		23	
<i>New York.</i>							
Friendship	2.51	21					
Honeymead Brook			1.00	0 25		30	
Le Roy			1.70	1 15		28	
Romulus			1.43	1 20		13	
<i>North Carolina.</i>							
Greensboro	2.72	11		1.12	0 35	27	
Mount Pleasant			2.30	1 00		28	
Pantergo			1.83	0 55		15	
Weldon							
<i>North Dakota.</i>							
Ashley	3.59	2-3		1.16	0 36	16	
Minto							
<i>Ohio.</i>							
Cedarville	2.95	19-20					
Findlay			1.47	0 40		24	
Jacksonboro	2.50	19-20					
Logan	3.00	26					
<i>Oklahoma.</i>							
Clifton	10.33	8.05	25	8.05	3 00	25	
Do.	2.90	29					
Enid	2.72	29					
Mangum	11.54	3.00	17				
Do.	4.20	28					
<i>Pennsylvania.</i>							
Chambersburg	4.40	26					
Huntingdon	2.82	27					
Lock Haven	2.53	26-27					
Shinglehouse	2.50	20-21					
State College	4.01	26-27					
Towanda			2.00	1 00		13	
Williamsport	2.50	26-27					
<i>South Carolina.</i>							
Charleston	2.88	23					
Ridgeway			1.10	1 00		16	
<i>South Dakota.</i>							
Aberdeen	3.20	3-4					
Ipswich	4.00	2-3					
Leslie	2.70	3					
Mellette	2.98	2-3					
Northville	2.50	2-3					
Pierre	3.32	2-3					
Plankinton	3.10	16					
Rapid City	2.68	2-3					
Spearfish	2.72	2-3					
<i>Tennessee.</i>							
Loudon			1.45	0 45		29	
<i>Texas—Cont'd.</i>							
Abilene			1.00	1 00		29	
Amarillo	2.51	2					
Angleton			1.00	1 00		4	
Arthur City	2.80	17					
Aurora	2.52	13-14	1.50	1 00		20	
Belton	2.78	9					
Brazoria	2.03	19					
Brenham	3.48	20-21					
Chillicothe	2.50	27					
College Station	3.37	18-19					
Columbia			1.65	1 00		12	
Corpus Christi			1.00	0 57		20	
Cuero	3.43	19-19					
Dallas	3.33	29-30					
Fort Ringgold	2.85	20					
Graham	10.99	3.54	14				
Grape Vine	12.54	2.69	14	2.00	1 00	11	
Do.	3.01	18					
Do.	2.98	29					
Hale Center	8.60	27-28	2.00	1 20		9	
Do.			1.25	1 10		19	
Do.			1.20	1 00		27	

TABLE XIII.—*Excessive precipitation—Continued.*

Stations.	Monthly rainfall 10 inches, or more.		Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.	Day.
	Month.	Amt.	Day.	Amt.	Time.	
<i>Texas—Cont'd.</i>						
Do.						
Hallettsville				4.00		9
Haskell				2.95		13
Hearne				2.50	18-19	1.50
Hewitt				2.50		18
Longview				10.76	2.70	17-18
New Braunfels				5.83	22-23	5.29
Panter				11.33	2.67	4 00
Paris				3.67	20-21	17
Runge				3.67	20-21	1.15
Tyler				12.84	5.85	19
Victoria				6.99	20-21	2.00
Do.				2.81	9-10	14
Wichita Falls						
<i>Virginia.</i>						
Hampton				2.74		12
Marion				2.60		1.30
Stephens City				2.60		2.00
Sunbeam				1.20		1.00
<i>West Virginia.</i>						
Burlington						
Do.						
Parkersburg				2.56	26-27	1.75
<i>Wisconsin.</i>						
Hayward				2.79		9
Milwaukee				1.25		0.54

TABLE XIV.—*Maximum rainfall in one hour or less, June, 1895.*

Stations.	Maximum rainfall in—				
	5 min.	Date.	10 min.	Date.	1 hour.
Atlanta, Ga. *	Inch.	Inch.	Inch.	Inch.	Inch.
Do.	0.45	29	0.67	29	1.05
Baltimore, Md.	0.20	27	0.30	27	0.48
Bismarck, N. Dak.	0.09	8	0.17	8	0.87
Boston, Mass.	0.14	29	0.18	28	0.50
Buffalo, N. Y.	0.08	14	0.09	14	0.18
Chicago, Ill. *					
Cincinnati, Ohio	0.15	4	0.32	4	0.60
Cleveland, Ohio	0.16	26	0.20	26	0.25
Denver, Colo.	0.10	2	0.18	2	0.29
Detroit, Mich.	0.07	23	0.09	23	0.13
Dodge City, Kans.	0.27	12	0.46	12	0.65
Duluth, Minn.	0.15	25	0.21	23	0.68
Eastport, Me.	0.07	23	0.18	23	0.40
Galveston, Tex.	0.24	21	0.35	21	0.67
Indianapolis, Ind.	0.11	13	0.15	12	0.29
Jacksonville, Fla.	0.25	17	0.50	17	1.34
Jupiter, Fla.	0.28	28	0.49	28	0.77
Kansas City, Mo.	0.65	17	1.10	17	2.40
Key West, Fla.	0.92	4	0.62	4	0.59
Little Rock, Ark.	0.30	16	0.50	16	1.42
Louisville, Ky.	0.51	4	0.55	4	0.87
Marquette, Mich.	0.30	20	0.33	26	0.41
Memphis, Tenn.	0.15	15	0.22	15	0.45
Milwaukee, Wis.	0.17	11	0.35	11	1.25
Nantucket, Mass.	0.27	30	0.48	30	1.27
New Orleans, La.	0.40	18	0.55	18	1.44
New York, N. Y.	0.25	29	0.29	29	0.50
Norfolk, Va.	0.15	30	0.30	30	0.49
Omaha, Nebr.	0.24	17	0.30	17	0.49
Philadelphia, Pa.	0.25	13	0.38	13	0.65
Pittsburg, Pa.	0.25	27	0.31	27	0.54
Portland, Me.	0.12	6	0.21	6	0.29
Portland, Oreg.	0.08	14	0.14	14	0.16
Rochester, N. Y.	0.12	26	0.15	26	0.50
St. Louis, Mo.	0.25	17	0.39	17	0.53
St. Paul, Minn.	0.24	9, 29	0.61	9	1.02
Salt Lake City, Utah	0.03	1	0.05	1	0.18
San Diego, Cal. †					1
Savannah, Ga.	0.80	18	0.50	18	1.43
Seattle, Wash.	0.01	18	0.03	18	0.05
Vicksburg, Miss.	0.50	18	0.86	18	1.73
Washington, D. C.	0.42	29	1.06	30	1.28
Wilmington, N. C.	0.17	14	0.28	14	0.75

* Record incomplete.

† No precipitation.

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